

The background features technical wireframe drawings of mechanical parts in shades of grey and orange. The Beta logo and brand name are visible on various components, such as a handle and a frame section.

Beta



2 0 2 3

General Programme

BETA MEANS
AUDACITY. COMMITMENT. HARMONY. TALENT.



In Beta, there is only one way to do things: doing them well.

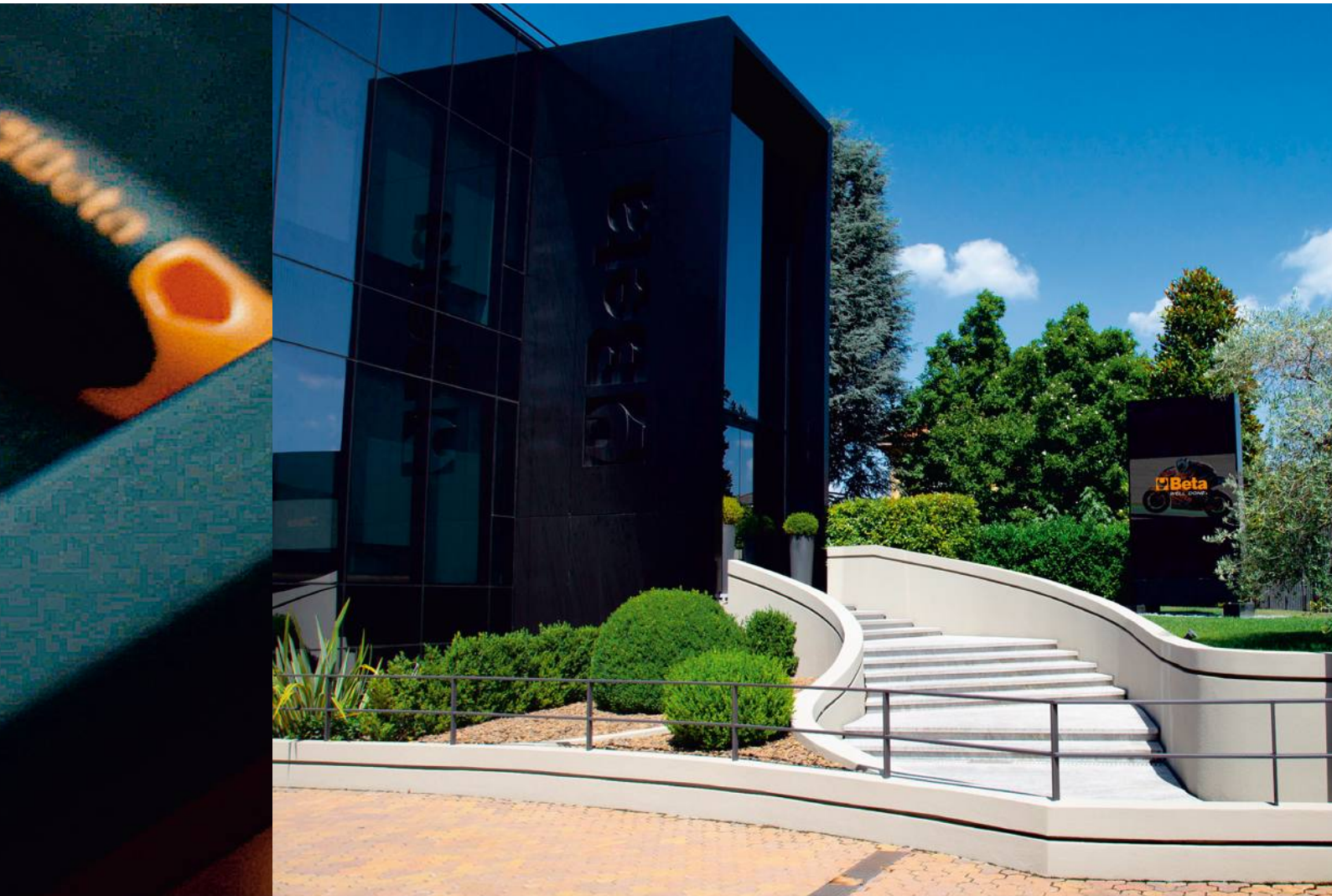
This is Beta's world, this is the principle that guides our daily work around the world, driven by four values:

AUDACITY *to invest and constantly relaunch an enterprise created by an Italian craftsman in 1923, which has asserted itself worldwide and continues to grow after four generations.*

COMMITMENT *in taking care of the quality of our products, because every retailer knows he can count on an efficient service, and every user knows they can rely on the precision, reliability and resistance of Beta products.*

HARMONY *of the lines, for a design of excellence, because when something is well done, it expresses a perfect balance between function and design.*

TALENT *it is our most precious resource, the one that distinguishes all our people and every professional who chooses Beta to leave nothing up to chance, in the engaging and passionate fulfilment of their ideas and dreams.*



INDEX



Index.....	4
Key reading.....	8
Fields of use for torque wrenches	58-59
Chart for containers and assortments	341, 441-442
Eliminated items – substitute/recommended items	684÷686
Alphabetical index	687÷692
Index of car vehicle tools	693÷694
Alphanumeric index	695÷709
Beta group Key figures	710
The history of Italian tools	711
Certified quality	712
Control and quality	713
Logistics.....	714
Work organization	715
Effective presence	716

INDEX

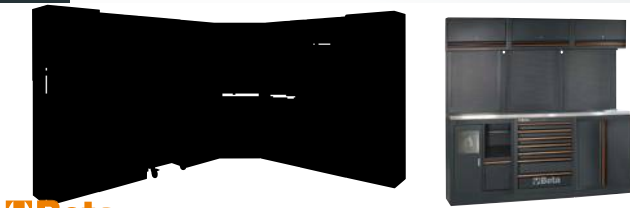
WORKSHOP EQUIPMENT **RSC55**



RSC55

398÷422

WORKSHOP EQUIPMENT **C45PRO**



Beta
C45PRO

423÷440

CONTAINERS AND ASSORTMENTS



341÷359

Beta
RSC



360÷370



371÷397



441÷520

WRENCHES



11÷17

24÷27

111÷117

SOCKETS AND ACCESSORIES



70÷78

85÷111

TORQUE WRENCHES AND MULTIPLIERS



54÷56

57÷70

SCREWDRIVERS, MALE-END WRENCHES AND BITS



18÷24

78÷85

115÷117

146÷159

PLIERS AND NIPPERS



128÷132

140÷143

238

HAMMERS AND CHISELS



9-10

166÷170

220

DRILLING AND THREADING TOOLS



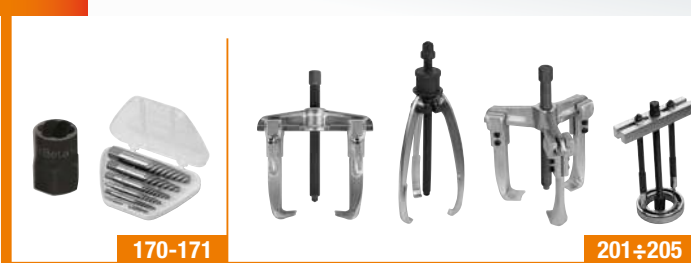
36÷41

41÷44

44÷51

51÷53

PULLERS



170-171

201÷205

MEASURING AND MARKING TOOLS



213÷220

CUTTING AND GENERAL MAINTENANCE TOOLS



123

133÷137

158-159

186

212

221÷230

239÷242

250÷251

LIGHTING



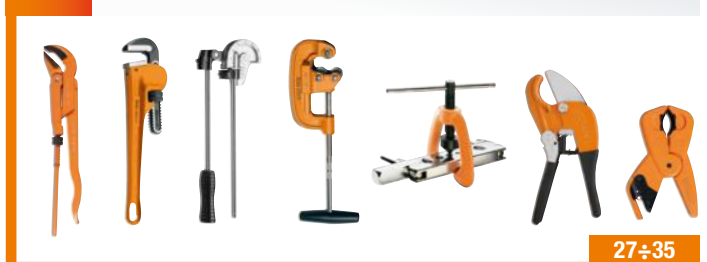
243÷248

REELS



248÷250; 337

PLUMBING TOOLS



27÷35

ELECTRONICS AND MICROMECHANICS



126-127

143÷145

149÷151

ELECTROTECHNICS



137÷140

150

544÷546

234÷238

WELDING TOOLS



252÷256

1000V INSULATED TOOLS



287÷293

STAINLESS STEEL



301÷305

SPARKPROOF TOOLS



306÷314

VEHICLE REPAIR



117÷126

160÷166



170÷201, 231÷233

234÷239

WORKSHOP EQUIPMENT



256÷275

MOTORCYCLE TOOLS



276÷281

BICYCLE TOOLS



282÷286

BATTERY TOOLS



315÷317

PNEUMATIC TOOLS AND ACCESSORIES



318÷340

TETHERED TOOLS



294÷300

CHEMICAL PRODUCTS



521÷526

SAFETY FOOTWEAR (AND TECHNICAL SOCKS)



583÷611

ABRASIVE TOOLS



527÷543

WORKWEAR



612÷630

PRODUCTS UNDER THE BRAND NAME BM



547÷553

BLISTER PACK RANGE



554÷568

ROBUR WIRE ROPE ACCESSORIES



631÷671

DISPLAY UNITS FOR SALES POINTS



569÷582

BETA COLLECTION





672÷683


KEY READING


item number 1048N

slip joint pliers,
slip-proof PVC coated handles

tool profile 

in blister pack 

motorcycle tools 

bicycle tools 

★ item available on request
• main size
○ hexagon drive

size

L	A max	L1	S	
mm	mm	mm	mm	
175	36	31	11	3 010480910
250	46	38	13	5 010480915
300	60	44	14.8	2 010480920

n.° of tools per box

code number

1048N/D3

set of slip joint pliers
phosphated heads

n.° of tools per set

type of packaging

set content

1048N/D3		
175-250-300 mm	1	010480923

new item 2023

Most used symbols

Sets

Symbol	Description	Example
B	= in plastic wallet	42/B9N
BV	= empty wallet	2002/BV9
C	= in case	900/C11
D	= in hanging pack	1293/D6
S	= in box	42/S17
SP	= with display	42/SP25
SPV	= empty display	42/SPV7
SC	= with compact support	96/SC9
SCV	= compact support, empty	96/SCV

Assortments

Symbol	Description	Example
AS	= with tools in inches	5915VU/AS
E	= Electronics/Electrotechnics	5980ET/A
I	= Plumbing	5980ID
MT	= Earth-moving	5902MT
U	= Universal	5915VU/3
SBK	= Motorcycle Repairs	5940SBK
VG	= Automotive	5904VG/5T
VI	= Industry	5902VI

Sockets

Symbol	Description	Example
A	= hexagon profile	910A
B	= bi-hex profile	910B
ES	= grooved profile	920ES
FTX	= for TORX® screws	910FTX

Most used symbols

Symbol	Description	Example
PT	= for 5-star head screws	910PT
X	= reversible ratchet in cases	920A/C12X

Screwdrivers and bits

Symbol	Description	Example
LP	= for slotted head screws	920LP
PE	= for hexagon screws	920PE
PH	= for cross head PHILLIPS® screws	920PH
PZ	= for cross head POZIDRIV® - SUPADRIV® screws	1299PZ
RTX	= for TAMPER RESISTANT TORX® screws	1298RTX
SP	= for SPANNER screws	861SP
TRW	= for TRI-WING® screws	861TRW
TQS	= for TORQ-SET® screws	861TQS
TX	= for TORX® head screws	920TX
XZN	= for XZN® screws	920XZN

Miscellaneous

Symbol	Description	Example
AS	= sizes in inches	42AS
BA	= spark-proof tools	42BA
BM	= bi-material handle	1150BM
C	= empty metal container	C25
HS	= tethered tools	42HS
INOX	= tools made of stainless steel	42 INOX
L	= long series	952L
MQ	= 1000V insulated tools	1150MQ
MP	= bright finish	42MP
R	= spare part	338R

The pictures are given by way of example.
Beta Utensili reserve the right to update and enhance their product range without notice.



Beta RECOMMENDS using the tools correctly
and complying with personal protection standards.



PIN PUNCHES

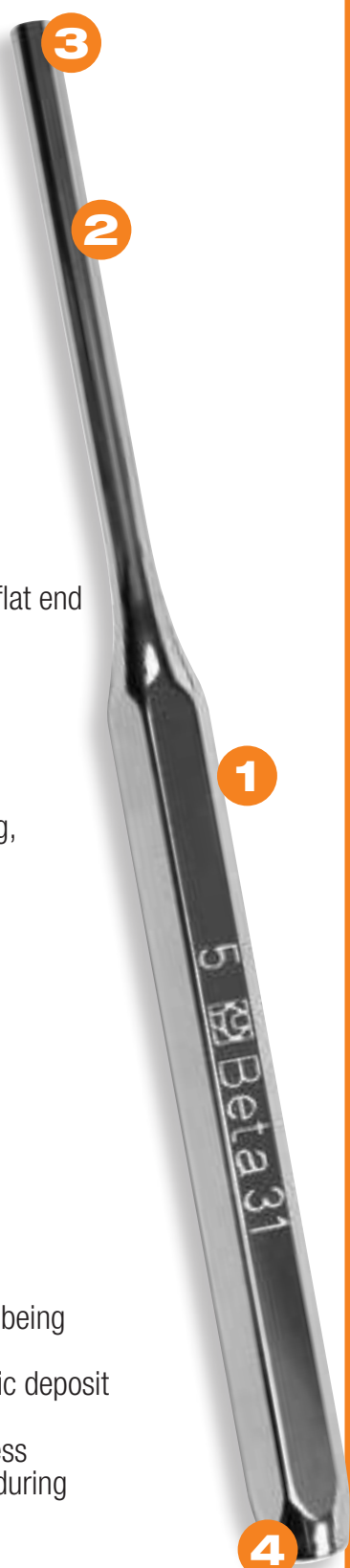
Beta's striking tools have been designed to provide optimal performance and ensure the operator's safety.

A special type of steel, which contains chrome, molybdenum and vanadium (65CrMoV2-2) is used for production, resulting in remarkably hard and tough tools. The products are made – if so allowed by their geometry – with drawn bars; otherwise, they are hot-forged in a controlled atmosphere, to avoid slag formation.

- 1** The hexagon profiles prevent the tool from rolling on the supporting surface.
- 2** the pin punches are fitted with extremely long though perfectly straight shanks, to allow access to small spaces.
- 3** To make sure that the pin punches are correctly sized, every single piece is faced, so that a uniform cylindrical part and a perfectly flat end can be obtained, for increased efficacy.
- 4** All the faces are subjected to induction tempering, to prevent splintering; the deformation of the striking point is a natural consequence, so that the operator's safety can be ensured.



The centre and pin punches are sharpened after being chrome-plated, to provide improved engraving and cutting performance, and remove the galvanic deposit from the tips. Overdeposits need to be removed, to prevent "rounding" of the corners and brittleness as a result of the amount of hydrogen produced during electroplating. The worked areas are protected with a rust-proof layer.



30 drift punches



Ø mm	L mm	Hand	Code
2	125	Right	000300020
3	125	Right	000300030
4	150	Right	000300040
5	150	Right	000300050
6	150	Right	000300060

31 pin punches



Ø mm	L mm	L1 mm	Hand	Code
2	110	22	Right	000310002
3	128	35	Right	000310003
4	146	45	Right	000310004
5	164	55	Right	000310005
6	182	65	Right	000310006
8	200	80	Right	000310008
10	220	95	Right	000310010



31/B6N 2-3-4-5-6-8 mm	1	000310024
2002/BV6	1	020020000
31/SP6 2-3-4-5-6-8 mm	1	000310030
31/SPV	1	000310031

31BM pin punches with handles



Ø mm	L mm	L1 mm	Hand	Code
2	168	42	Right	000310402
3	180	52	Right	000310403
4	191	62	Right	000310404
5	200	72	Right	000310405
6	221	82	Right	000310406
8	235	94	Right	000310408



31BM/D6 2-3-4-5-6-8 mm	1	000310420
----------------------------------	---	-----------

31L

pin punches, long series



∅ mm	L mm	L1 mm	
4	175	80	5 000310104
5	175	80	5 000310105
6	175	80	5 000310106

31SE

punches for spring pins



∅ mm	D mm	L mm	L1 mm	
4	2,4	175	80	5 000310204
5	3,0	175	80	5 000310205
6	3,6	175	80	5 000310206



31/B6N-LSE	1 000310324
31L: 4-5-6 mm	
31SE: 4-5-6 mm	
2002/BV6	1 020020000

32

centre punches



∅ mm	L mm	L1 mm	
3	100	44	10 000320100
4	125	52	10 000320125
5	150	62	10 000320150

32AU

automatic centre punches



∅ mm	L mm	L1 mm	
3	150	23	2 000320160

32AUR

spare tip for automatic centre punch



∅ mm	
3	5 000320170

34

flat chisels



L mm	A mm	L1 mm	
125	14,5	45	5 000340001
150	17,0	58	5 000340002
175	21,5	68	5 000340003

35

flat chisels, ribbed type



L mm	A mm	
100	14,5	5 000350001
125	17,0	5 000350002
150	20,5	5 000350003
200	23,0	5 000350004
250	28,5	2 000350005
300	34,0	2 000350006

35PM

flat chisels, ribbed type
with hand guards



L mm	A mm	
200	23,0	2 000350014
250	28,5	2 000350015
300	34,0	2 000350016

35PMR

spare hand guards



L mm	
200	1 000350024
250	1 000350025
300	1 000350026

36

cape chisels



L mm	A mm	L1 mm	
125	4	44	5 000360001
150	6	53	5 000360002

37

cape chisels, ribbed type



L mm	A mm	L1 mm	
150	6	45	5 000370001
200	8	55	3 000370002

37PM

cape chisel, ribbed type
with hand guard



L mm	A mm	
200	8	2 000370012

37PMR

spare hand guard



L mm	
200	1 000370022



38/B6N

38/SP6

38/B6N	1 000380016
30: 2-3 mm	
32: 4 mm	
34: 125-150 mm	
36: 150 mm	
2002/BV6	1 020020000
38/SP6	1 000380009
30: 2-3 mm	
32: 4 mm	
34: 125-150 mm	
36: 150 mm	
38/SPV	1 000380019

BETA'S ICONIC WRENCH

Our epoch-making wrench 42 has a new shape.

A stylish, slim shape enhanced by a slender profile, lighter to the touch.
The strength, resilience and ergonomic design of the Beta wrench reach even higher values, to provide users with the best possible tool.
The manufacturing process is carried out in our factories in Sovico and Sulmona, on the basis of state-of-the-art automation technology and the best trained workers.

RAPID

A 15 degree angle compared to the axis, to reduce the take-up angle

RESILIENT

Remarkable strength: in case of improper use, the wrench buckles, without breaking suddenly and dangerously

HOMOGENEOUS

Pressing is based on a round-section semi-finished product which results in homogeneously distributed fibres, thereby preventing dangerous internal stress formation

ACCESSIBLE

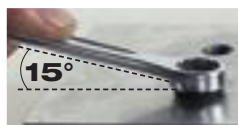
Reduced thickness for improved accessibility

PROTECTED

Nickel-chrome plating provides lasting resistance to external agents and meets the stringent requirements of adhesion tests under ISO 2819

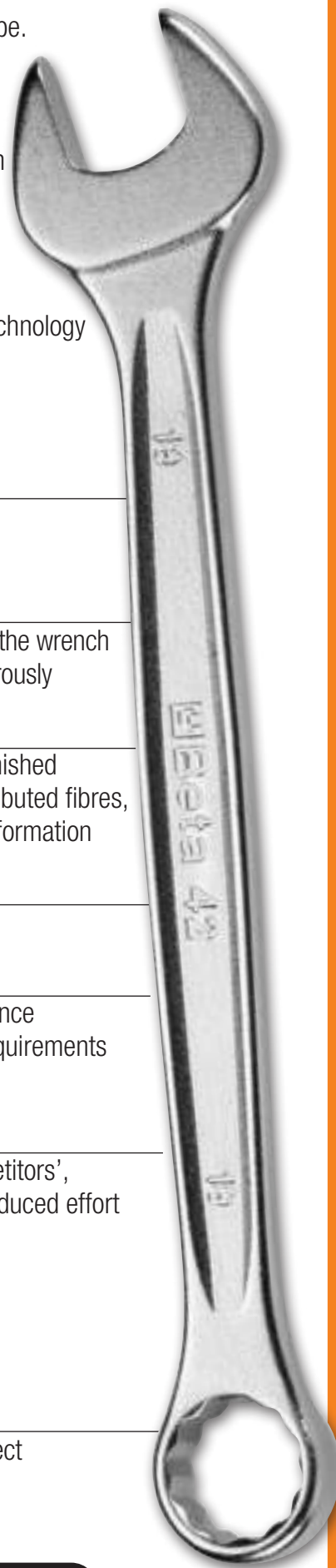
OPTIMIZED

The wrench, which is longer than most competitors', allows high torques to be obtained through reduced effort



ERGONOMIC

The offset ring has a 15 degree angle to protect the hand. The shape is obtained from a die; it is not bent later



CAUTION!

The shape of wrench 42 is perfectly compatible with all the containers and modules of established wrench 42

42

combination wrenches

Torque values more than doubled compared to the requirements to be satisfied under ISO 1711



DIN 3113 UNI-ISO 7738

mm	L mm	S1 mm		
5,5x5,5	95	3,4	5	000421005
6x6	95	3,4	5	000421006
7x7	105	3,6	5	000421007
8x8	116	3,9	5	000421008
9x9	127	4,2	5	000421009
10x10	137	4,5	5	000421010
11x11	148	4,8	5	000421011
12x12	158	5,1	5	000421012
13x13	169	5,6	5	000421013
14x14	180	5,7	5	000421014
15x15	190	6,0	5	000421015
16x16	201	6,3	5	000421016
17x17	212	6,8	5	000421017
18x18	222	7,0	5	000421018
19x19	233	7,5	5	000421019
20x20	243	7,7	3	000421020
21x21	254	7,9	3	000421021
22x22	264	8,3	3	000421022
23x23	275	8,5	3	000421023
24x24	285	8,7	3	000421024
25x25	296	8,7	2	000421025
26x26	307	8,9	2	000421026
27x27	317	9,1	2	000421027
28x28	328	9,3	2	000421028
29x29	338	9,5	2	000421029
30x30	349	9,7	2	000421030
32x32	370	10,1	2	000421032
34x34	391	10,5	1	000421034
35x35	412	10,7	1	000421035
36x36	412	10,7	1	000421036
38x38	433	11,3	1	000421038
41x41	465	12,0	1	000421041



42/B9N	1	000421074
6-7-8-10-11-13-14-17-19 mm		
2002/BV9	1	020020030



42/S14	1	000421067
6-7-8-10-11-12-13-14		
-15-16-17-19-22-24 mm		
42/S17	1	000421065
6-7-8-9-10-11-12-13-14-15		
16-17-18-19-20-21-22 mm		
42/S15	1	000421066
6-7-8-10-11-12-13-14		
17-19-22-24-27-30-32 mm		
42/S17X	1	000421068
6-7-8-10-11-12-13-14-		
15-16-17-19-21-22-		
24-27-30 mm		
42/S26	1	000421070
6-7-8-9-10-11-12-13-14		
15-16-17-18-19-20-21		
22-23-24-25-26-27-28		
29-30-32 mm		

set of 9 combination wrenches with compact support

Torque values more than doubled compared to the requirements to be satisfied under ISO 1711



42/SC9I	1	000421087
8-10-11-12-13-14-15-17-19 mm		
142/SCV9I	1	001420103
42/SC9E	1	000421088
8-10-11-12-13-16-17-18-19 mm		
142/SCV9E	1	001420104



42/SP25	1	000421085
6-7-8-9-10-11-12-13-14		
15-16-17-18-19-20-21		
22-23-24-25-26-27-28		
30-32 mm		
42/SPV2	1	000420090



42/SP15



42/SPV...

42/SP15	1	000421078
6-7-8-9-10-11-12-13-14-15		
16-17-19-22-24 mm		
42/SPV7	1	000420097
42: 8-10-11-13-14-17-19 mm		
55: 6x7-8x9-10x11-12x13		
14x15-16x17-18x19 mm		
42/SPV11	1	000420100
42MP: 8-9-10-11-12-13		
14-15-16-17-19 mm		
142-142SN: 8-9-10-11-12-13		
14-15-16-17-19 mm		
42/SPV15	1	000420102
42: 6-7-8-9-10-11-12-13-14		
15-16-17-19-22-24 mm		

42AS

combination wrenches, open and offset ring ends



mm	L mm		
1/4x1/4	95	2	000420106
9/32X9/32	106	2	000420107
5/16x5/16	116	2	000420108
3/8x3/8	137	2	000420110
7/16x7/16	148	2	000420111
1/2x1/2	169	2	000420113
9/16x9/16	180	2	000420114
19/32X19/32	191	2	000420115
5/8x5/8	201	2	000420116
11/16x11/16	212	2	000420117
3/4x3/4	233	2	000420119
13/16x13/16	254	2	000420121
7/8x7/8	264	2	000420122
15/16x15/16	285	2	000420124
1x1	296	2	000420125
1.1/16x1.1/16	317	2	000420127
1.1/8x1.1/8	338	2	000420129
1.1/4x1.1/4	370	2	000420132
1.5/16x1.5/16	391	1	000420133
1.3/8x1.3/8	412	1	000420135
1.7/16x1.7/16	412	1	000420136
1.1/2x1.1/2	433	1	000420138



42AS/B9N	1	000420159
1/4-5/16-3/8-7/16-1/2		
9/16-5/8-11/16-3/4		
2002/BV9	1	020020030



42AS/13	1	000420163
1/4-5/16-3/8-7/16-1/2-9/16-5/8		
11/16-3/4-13/16-7/8-15/16-1		
42AS/16	1	000420166
1/4-5/16-3/8-7/16-1/2-9/16-5/8		
11/16-3/4-13/16-7/8-15/16-1		
1.1/16-1.1/8-1.1/4		
42AS/17	1	000420168
1/4-9/32-5/16-3/8-7/16-1/2-		
9/16-19/32-5/8-11/16-3/4-		
13/16-7/8-15/16-1-1.1/16-1.1/8		



42MP

combination wrenches, open and offset ring ends, bright chrome-plated



DIN 3113 UNI-ISO 7738

mm	L mm		
6x6	95	5	000420606
7x7	105	5	000420607
8x8	116	5	000420608
9x9	127	5	000420609
10x10	137	5	000420610
11x11	148	5	000420611
12x12	158	5	000420612
13x13	169	5	000420613
14x14	180	5	000420614
15x15	190	5	000420615
16x16	201	5	000420616
17x17	212	5	000420617
18x18	222	5	000420618
19x19	233	5	000420619
20x20	243	3	000420620
21x21	254	3	000420621
22x22	264	3	000420622
24x24	285	3	000420624
27x27	317	3	000420627
30x30	349	3	000420630
32x32	370	3	000420632



42MP/B9N	1	000420661
6-7-8-10-11-13-14-17-19 mm		
2002/BV9	1	020020030



42MP/S17	1	000420652
6-7-8-9-10-11-12-13-14-15		
16-17-18-19-20-21-22 mm		
42MP/S21	1	000420653
6-7-8-9-10-11-12-13-14		
15-16-17-18-19-20-21-22		
24-27-30-32 mm		

42LMP

combination wrenches, open and offset ring ends, long series, bright chrome-plated



mm	L		
8x8	148	2	000420508
9x9	167	2	000420509
10x10	172	2	000420510
11x11	186	2	000420511
12x12	197	2	000420512
13x13	207	2	000420513
14x14	223	2	000420514
15x15	233	2	000420515
16x16	243	2	000420516
17x17	261	2	000420517
18x18	270	2	000420518
19x19	280	2	000420519
21x21	301	2	000420521
22x22	318	2	000420522
24x24	338	2	000420524
27x27	376	2	000420527
30x30	409	2	000420530
32x32	435	2	000420532



42LMP/S14	1	000420551
8-9-10-11-12-13-14		
15-16-17-18-19-21-22 mm		
42LMP/S18	1	000420552
8-9-10-11-12-13-14		
15-16-17-18-19-21-22		
24-27-30-32 mm		

42SLIM

combination wrenches with thin open ends



mm	L	S1		
8x8	116	3,4	5	000420408
10x10	137	3,8	5	000420410
11x11	148	3,8	5	000420411
12x12	158	4,2	5	000420412
13x13	169	4,4	5	000420413
14x14	180	4,6	5	000420414
15x15	190	4,7	5	000420415
16x16	201	4,7	5	000420416
17x17	212	5,1	5	000420417
18x18	222	5,1	5	000420418
19x19	233	5,6	5	000420419



42SLIM/B8NI	1	000420478
10-11-12-13-14-15-17-19 mm		
42SLIM/B8NE	1	000420479
10-11-12-13-16-17-18-19 mm		
2002/BV8	1	020020020



42SLIM/S11	1	000420471
8-10-11-12-13-14-15-		
16-17-18-19 mm		

45

combination wrenches, open and offset ring ends, heavy series



DIN 3113 UNI-ISO 7738

mm	L		
46x46	500	1	000450046
50x50	540	1	000450050
55x55	560	1	000450055
60x60	600	1	000450060
65x65	675	1	000450065
70x70	675	1	000450070
75x75	720	1	000450075
80x80	720	1	000450080

52

single open end wrenches



UNI 6733 DIN 3114

mm	L		
10	119	5	000520010
11	119	5	000520011
12	119	5	000520012
13	145	5	000520013
14	145	5	000520014
15	145	5	000520015
16	159	5	000520016
17	159	5	000520017
18	159	5	000520018
19	175	5	000520019
20	175	5	000520020
21	175	5	000520021
22	196	2	000520022
23	196	2	000520023
24	196	2	000520024
25	215	2	000520025
26	215	2	000520026
27	215	2	000520027
28	240	2	000520028
30	240	2	000520030
32	270	2	000520032
34	270	1	000520034
35	295	1	000520035
36	295	1	000520036
38	295	1	000520038
40	335	1	000520040
41	335	1	000520041
42	335	1	000520042
45	370	1	000520045
46	370	1	000520046
48	370	1	000520048
50	415	1	000520050
52	415	1	000520052
55	415	1	000520055
60	490	1	000520060
65	490	1	000520065
70	490	1	000520070

53

single open end wrenches DIN 894



mm	L		
36	317	1	000530036
38	320	1	000530038
41	342	1	000530041
46	396	1	000530046
50	412	1	000530050
55	457	1	000530055
60	492	1	000530060
65	528	1	000530065
70	572	1	000530070
75	608	1	000530075
80	645	1	000530080
85	690	1	000530085
90	690	1	000530090
95	847	1	000530095
100	847	1	000530100
105	1000	1	000530105
110	1000	1	000530110
115	1000	1	000530115
120	1000	1	000530120
125	1000	1	000530125
130	1000	1	000530130
135	1000	1	000530135

55

double open end wrenches



UNI-ISO 10102 DIN 3110

mm	L		
4x5	101	5	000550003
5x5,5	101	5	000550006
5,5x7	120	5	000550009
6x7	120	5	000550012
7x8	140	5	000550018
8x9	140	5	000550021
8x10	140	5	000550024
10x11	155	5	000550030
10x12	155	5	000550033
10x13	170	5	000550035
12x13	170	5	000550042
12x14	170	5	000550045
13x14	185	5	000550047
13x17	189	5	000550051
14x15	185	5	000550054
14x17	189	5	000550057
16x17	202	5	000550060
17x19	220	2	000550063
18x19	220	2	000550066
19x22	236	2	000550069
20x22	236	2	000550075
21x23	245	2	000550078
22x24	245	2	000550081
24x26	262	2	000550087
24x27	262	2	000550090
25x28	272	2	000550096
27x29	284	2	000550099
27x30	284	2	000550102
27x32	297	2	000550105
30x32	297	2	000550108
32x36	325	1	000550114
34x36	325	1	000550117
35x38	375	1	000550120
36x41	375	1	000550123
41x46	425	1	000550129
46x50	475	1	000550132
50x55	500	1	000550135
55x60	500	1	000550138



55/B8N	1	000550160
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm		
2002/BV8	1	020020020
55/B12N	1	000550164
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-30x32 mm		
2002/BV12	1	020020040



55/S8	1	000550174
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm		
55/S12	1	000550178
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-30x32 mm		
55/S12X	1	000550179
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x27 25x28-30x32 mm		
55/S13	1	000550182
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm		



55/SP7

55/SP13

55/SP7	1	000550167
6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm		
42/SPV7	1	000420097
42: 8-10-11-13-14-17-19 mm		
55: 6x7-8x9-10x11-12x13		
14x15-16x17-18x19 mm		
55/SP13	1	000550186
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm		
55/SPV	1	000550190

55AS

double open end wrenches



mm	L mm		
1/4x9/32	120	2	000550203
1/4x5/16	120	2	000550206
5/16x11/32	140	2	000550209
5/16x3/8	140	2	000550212
3/8x7/16	155	2	000550215
7/16x1/2	170	2	000550218
1/2x9/16	170	2	000550221
9/16x5/8	185	2	000550224
19/32x11/16	189	2	000550227
5/8x11/16	202	2	000550230
5/8x3/4	202	2	000550233
11/16x13/16	220	2	000550242
3/4x7/8	236	2	000550245
25/32x13/16	236	2	000550244
7/8x15/16	245	2	000550251
15/16x1	262	1	000550257
1x1.1/8	272	1	000550259
1.1/16x1.1/4	284	1	000550267
1.1/8x1.5/16	297	1	000550266
1.5/16x1.1/2	325	1	000550269
1.3/8x1.1/2	375	1	000550272
1.7/16x1.5/8	375	1	000550275



55AS/5	1	000550290
5/16x11/32-3/8x7/16 1/2x9/16-5/8x11/16 3/4x7/8		
55AS/8	1	000550296
1/4x9/32-5/16x11/32-3/8x7/16- 1/2x9/16-9/16x5/8-5/8x11/16- 11/16x13/16-3/4x7/8		
55AS/12	1	000550298
1/4x9/32-5/16x11/32-3/8x7/16-1 /2x9/16-9/16x5/8-5/8x11/16- 11/16x13/16-25/32x13/16-3/4x7/8- 15/16x1-1x1.1/8-1.1/16x1.1/4		

55MP

double open end wrenches,
bright chrome-plated



UNI-HISO 10102 DIN 3110

mm	L mm		
6x7	120	2	000550603
8x9	140	2	000550606
10x11	155	2	000550609
12x13	170	2	000550612
14x15	185	2	000550615
16x17	202	2	000550618
18x19	220	2	000550621
20x22	236	2	000550624
21x23	245	2	000550627
24x26	262	1	000550630
25x28	272	1	000550633
27x29	284	1	000550636
30x32	297	1	000550639



55MP/S8	1	000550650
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm		
55MP/S13	1	000550651
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm		
55MP/S12	1	000550653
6x7-8x9-10x11-12x13-14x15- 16x17-18x19-20x22-21x23-24x26- 25x28-30x32 mm		

58

open end slogging wrenches



DIN 133

mm	L mm		
24	177	1	000580024
27	180	1	000580027
30	190	1	000580030
32	190	1	000580032
34	200	1	000580034
36	215	1	000580036
41	235	1	000580041
46	255	1	000580046
50	275	1	000580050
55	300	1	000580055
60	320	1	000580060
65	342	1	000580065
70	375	1	000580070
75	375	1	000580075
80	408	1	000580080
85	408	1	000580085
90	445	1	000580090
95	445	1	000580095
100	485	1	000580100
105	485	1	000580105
110	510	1	000580110
115	510	1	000580115
120	545	1	000580120
125	545	1	000580125
130	575	1	000580130
135	575	1	000580135
*140	575	1	000580140
*145	640	1	000580145
*150	640	1	000580150
*155	640	1	000580155
*160	640	1	000580160
*165	715	1	000580165
*170	715	1	000580170
*175	715	1	000580175
*180	715	1	000580180
*185	715	1	000580185
*190	800	1	000580190
*195	800	1	000580195
*200	800	1	000580200
*210	800	1	000580210
*220	800	1	000580220
*230	800	1	000580230

73

small double open end wrenches



UNI 6737

mm	L mm		
4x4	78	5	000730040
4,5x4,5	78	5	000730045
5x5	78	5	000730050
5,5x5,5	86	5	000730055
6x6	86	5	000730060
7x7	86	5	000730070
8x8	97	5	000730080
9x9	97	5	000730090
10x10	108	5	000730100
11x11	108	5	000730110
12x12	124	5	000730120
13x13	124	5	000730130
14x14	124	5	000730140



73/B13N		
4-4,5-5-5,5-6-7-8-9	1	000730202
10-11-12-13-14 mm		
2002/BV13	1	020020050



73/S13		
4-4,5-5-5,5-6-7-8-9	1	000730210
10-11-12-13-14 mm		



78

ring slogging wrenches



DIN 7444

mm	L mm		
24	162	1	000780024
27	180	1	000780027
30	190	1	000780030
32	190	1	000780032
34	200	1	000780034
36	205	1	000780036
41	225	1	000780041
46	235	1	000780046
50	250	1	000780050
55	265	1	000780055
60	275	1	000780060
65	295	1	000780065
70	325	1	000780070
75	325	1	000780075
80	350	1	000780080
85	350	1	000780085
90	390	1	000780090
95	390	1	000780095
100	420	1	000780100
105	420	1	000780105
110	450	1	000780110
115	450	1	000780115
120	490	1	000780120
125	480	1	000780125
130	520	1	000780130
135	520	1	000780135
*140	520	1	000780140
*145	580	1	000780145
*150	580	1	000780150
*155	580	1	000780155
*160	650	1	000780160
*165	650	1	000780165
*170	650	1	000780170
*175	650	1	000780175
*180	650	1	000780180
*185	695	1	000780185
*190	695	1	000780190
*195	695	1	000780195
*200	695	1	000780200
*210	740	1	000780210
*215	740	1	000780215
*220	740	1	000780220
*230	740	1	000780230

78AS

ring slogging wrenches



"	L mm		
*1.1/16	180	1	000780327
*1.1/8	190	1	000780329
*1.3/16	190	1	000780330
*1.1/4	197	1	000780332
*1.5/16	197	1	000780333
*1.3/8	223	1	000780335
*1.7/16	223	1	000780336
*1.1/2	223	1	000780338
*1.5/8	223	1	000780341
*1.11/16	225	1	000780343
*1.13/16	240	1	000780346
*1.7/8	250	1	000780348
*2	250	1	000780350
*2.1/16	250	1	000780352
*2.3/16	275	1	000780355
*2.3/8	270	1	000780360
*2.9/16	302	1	000780365
*2.3/4	350	1	000780370
*2.15/16	350	1	000780375
*3.1/8	354	1	000780380

80

double swivel end socket wrenches



mm	L mm		
6x7	170	3	000800006
8x9	176	3	000800008
8x10	179	3	000800009
10x11	182	3	000800010
12x13	228	3	000800012
14x15	232	3	000800014
13x17	231	3	000800015
16x17	234	2	000800016
18x19	285	2	000800018
19x22	287	2	000800019
20x22	289	2	000800020
21x23	289	2	000800021
24x27	405	2	000800024
30x32	413	2	000800030



80/S8		
6x7-8x9-10x11-12x13-14x15	1	000800051
16x17-18x19-20x22 mm		
80/S11		
6x7-8x9-10x11-12x13	1	000800056
14x15-16x17-18x19-20x22		
21x23-24x27-30x32 mm		

83

half-moon ring wrenches



ISO 3318

mm	L mm		
8x10	126	3	000830008
10x12	137	3	000830010
11x13	138	3	000830011
14x17	183	3	000830014
15x17	184	2	000830015
16x18	196	2	000830016
19x22	231	2	000830019



83/S3		
11x13-14x17-19x22 mm	1	000830081
83/S5		
10x12-11x13-15x17	1	000830085
16x18-19x22 mm		

83AS

half-moon ring wrenches



mm	L mm		
7/16x1/2	138	2	000830111
9/16x5/8	183	2	000830114
3/4x7/8	230	2	000830119



83AS/3			
7/16x1/2-9/16x5/8		2	000830181
3/4x7/8		2	

88

double ended flat ring wrenches, extra-long series



mm	L mm		
8x10	235	2	000880008
12x14	330	2	000880012
13x15	330	2	000880013
16x18	405	2	000880016
17x19	405	2	000880017
21x23	435	2	000880021
22x24	435	2	000880022



88/S7			
8x10-12x14-13x15-16x18-17x19-21x23-22x24 mm		2	000880107

90

double ended deep offset ring wrenches



DIN 838 ISO 10104

mm	L mm		
6x7	165	5	000900006
8x9	180	5	000900012
8x10	180	5	000900015
10x11	195	5	000900018
10x12	195	5	000900021
11x13	215	5	000900024
12x13	215	5	000900027
12x14	215	5	000900030
14x15	230	5	000900033
14x17	250	5	000900036
16x17	250	5	000900039
17x19	265	5	000900042
18x19	265	5	000900045
19x22	285	3	000900048
20x22	285	3	000900051
21x23	305	2	000900057
22x24	305	2	000900060
24x26	325	2	000900063
24x27	325	2	000900067
25x28	340	2	000900070
27x29	355	2	000900073
27x30	355	2	000900076
27x32	375	2	000900078
30x32	375	2	000900080
32x36	395	1	000900088
34x36	415	1	000900089
35x38	415	1	000900091
36x41	435	1	000900094
41x46	460	1	000900097
46x50	500	1	000900100



90/B8N			
6x7-8x9-10x11-12x13		5	000900156
14x15-16x17-18x19		5	
20x22 mm		5	
2002/BV8			
		1	020020020



90/S8			
6x7-8x9-10x11-12x13		5	000900162
14x15-16x17-18x19		5	
20x22 mm		5	
90/S12			
6x7-8x9-10x11-12x13		5	000900166
14x15-16x17-18x19		5	
20x22-21x23-24x26		5	
25x28-30x32 mm		5	
90/S12X			
6x7-8x9-10x11-12x13		5	000900167
14x15-16x17-18x19		5	
20x22-21x23-24x27		5	
25x28-30x32 mm		5	
90/S13			
6x7-8x9-10x11-12x13		5	000900170
14x15-16x17-18x19		5	
20x22-21x23-24x26		5	
25x28-27x29-30x32 mm		5	



90/SP13			
6x7-8x9-10x11-12x13		5	000900174
14x15-16x17-18x19		5	
20x22-21x23-24x26		5	
25x28-27x29-30x32 mm		5	
55/SPV			
		1	000550190

90AS

double ended deep offset ring wrenches



mm	L mm		
1/4x5/16	165	2	000900203
5/16x11/32	180	2	000900206
5/16x3/8	180	2	000900209
3/8x7/16	195	2	000900212
7/16x1/2	215	2	000900215
1/2x9/16	230	2	000900218
9/16x5/8	230	2	000900221
19/32x11/16	250	2	000900222
5/8x11/16	250	2	000900224
5/8x3/4	265	2	000900227
11/16x3/4	265	1	000900230
11/16x13/16	265	1	000900233
3/4x25/32	265	1	000900235
3/4x7/8	285	1	000900237
13/16x7/8	285	1	000900240
7/8x15/16	305	1	000900243
15/16x1	325	1	000900252
1.1/16x1.1/4	375	1	000900258
1.1/8x1.5/16	375	1	000900261



90AS/8			
1/4x5/16-5/16x11/32		2	000900298
3/8x7/16-1/2x9/16		2	
5/8x11/16-11/16x3/4		2	
13/16x7/8-15/16x1		2	
90AS/10			
1/4x5/16-5/16x11/32		2	000900300
3/8x7/16-1/2x9/16		2	
5/8x11/16-11/16x3/4		2	
13/16x7/8-15/16x1		2	
1.1/16x1.1/4-1.1/8x1.5/16		2	

 Beta

 Beta

91 heavy duty offset ring wrenches



mm	Ø		
mm	mm		
24	38	1	000910024
27	41	1	000910027
30	48	1	000910030
32	49	1	000910032
36	54	1	000910036
41	62	1	000910041
46	69	1	000910046
50	76	1	000910050
55	81	1	000910055
60	90	1	000910060
65	98	1	000910065
70	105	1	000910070
75	110	1	000910075
80	125	1	000910080
85	125	1	000910085
90	140	1	000910090
95	140	1	000910095
100	143	1	000910100
105	146	1	000910105

92 tubes for item 91



	L	91	Ø		
	mm	mm	mm		
92/1	460	24÷30	19	1	000920010
92/2	610	32÷41	22	1	000920020
92/3	760	46÷55	25	1	000920030
92/4	860	60÷105	30	1	000920040

93 double-ended offset ring wrench for scaffolding bolts



mm	L		
mm	mm		
21x22	310	3	000930021

93C ratcheting double-ended offset ring wrenches for scaffolding bolts



mm	L		
mm	mm		
17x19	310	1	000930117
19x22	310	1	000930119
19x24	310	1	000930120
21x22	365	1	000930121
36x38	445	1	000930136

94 flare nut open ring wrenches



DIN 3118

mm	L		
mm	mm		
8x10	140	2	000940008
9x11	153	2	000940009
10x11	153	2	000940010
11x13	175	2	000940011
12x14	175	2	000940012
13x15	175	2	000940013
14x15	175	2	000940014
14x17	195	2	000940015
17x19	212	2	000940017
19x22	228	2	000940019
22x24	242	2	000940022
24x27	260	2	000940024
30x32	300	2	000940030
36x41	320	1	000940036



94/S6	8x10-10x11-11x13-12x14 17x19-19x22 mm	1	000940050
94/S10	8x10-9x11-10x11-11x13 12x14-17x19-19x22 22x24-24x27-30x32 mm	1	000940052

95 double ended flat ring wrenches



DIN 837 ISO 10103

mm	L		
mm	mm		
6x7	120	3	000950161
8x9	135	3	000950162
10x11	150	3	000950163
12x13	165	3	000950164
14x15	185	3	000950165
16x17	210	3	000950166
17x19	225	3	000950167
18x19	225	2	000950168
20x22	240	2	000950169
21x23	255	2	000950170
24x26	270	2	000950171
25x28	285	2	000950172
27x29	315	2	000950173
30x32	335	2	000950174



95/S8	6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm	1	000950177
95/S13	6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	000950179

95FTX double-ended straight wrenches, for Torx® head screws



	L		
	mm		
E6xE8	115	2	000950306
E10xE12	143	2	000950310
E14xE18	177	2	000950314
E20xE24	224	2	000950320

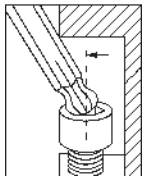


95FTX/S4	E6xE8-E10xE12 E14xE18-E20xE24	1	000950325
-----------------	----------------------------------	---	-----------



OFFSET HEXAGON KEY WRENCHES

Beta's hexagon key wrenches have been designed for long, accurate operation. The wide range covers all use requirements: the extra-short, short, long, extra-long, ball head and T-wrenches as well as the wrenches with high torque handles are among Beta's flagship products and are unrivalled in the market.



The ball head offset hexagon key wrenches allow operation at an angle of up to 30° to the screw axis.

The keys are packaged in a wallet for quick identification of the required size. When closed, it prevents the wrenches, including the smaller ones, from accidentally coming out.

The Color version combines the outstanding features of the standard wrenches with immediate identification of the required size to speed up daily work.



96/B8	2-2,5-3-4-5-6-8-10 mm	5	000960386
96/B10	1,5-2-2,5-3-4-5-6-8-10-12 mm	5	000960380
96N/BV		1	000960651



96/SC9	1,5-2-2,5-3-4-5-6-8-10 mm	1	000960374
96/SCV		1	000960985



96/SC12	2-2,5-3-3,5-4-4,5-5-6-7-8-9-10 mm	1	000960395
96/SCV12		1	000960975

96

offset hexagon key wrenches
chrome-plated



ISO 2936

mm	L mm	L1 mm		
0,9	35	8	20	000960013
1,3	39	10	20	000960014
1,5	45	15	20	000960015
2	50	17	20	000960020
2,5	57	20	20	000960025
3	64	22	20	000960030
3,5	68	25	20	000960035
4	72	28	20	000960040
4,5	78	30	20	000960045
5	83	32	20	000960050
5,5	88	35	20	000960055
6	94	37	20	000960060
7	99	40	10	000960070
8	105	43	10	000960080
9	111	46	10	000960090
10	119	49	10	000960100
11	126	52	10	000960110
12	134	56	10	000960120
13	142	62	10	000960130
14	151	69	10	000960140
16	165	75	5	000960160
17	174	79	5	000960170
19	196	88	5	000960190
22	216	100	3	000960220
24	242	112	1	000960240
27	271	125	1	000960270
30	309	140	1	000960300
32	341	155	1	000960312
36	385	174	1	000960316



96/ST6	2,5-3-4-5-6-8 mm	3	000960370
---------------	------------------	---	-----------



96/BGS7	1,5-2-2,5-3-4-5-6 mm	1	000960367
----------------	----------------------	---	-----------



96/BG7	2,5-3-4-5-6-8-10 mm	1	000960368
---------------	---------------------	---	-----------

96N

offset hexagon key wrenches,
burnished



ISO 2936

mm	L mm	L1 mm		
0,9	32	10	20	000960409
1,3	44	12	20	000960413
1,5	46	15	20	000960415
2	51	17	20	000960420
2,5	57	20	20	000960425
3	64	22	20	000960430
3,5	68	25	20	000960435
4	72	28	20	000960440
4,5	78	30	20	000960445
5	83	32	20	000960450
6	94	37	20	000960460
7	99	40	10	000960470
8	105	43	10	000960480
9	111	46	10	000960490
10	119	49	10	000960500
11	126	52	10	000960510
12	134	56	10	000960520
13	142	62	10	000960530
14	151	69	10	000960540
16	165	72	5	000960560
17	174	79	5	000960570
19	194	88	5	000960590
22	216	99	1	000960592
24	242	111	1	000960594



96N/ST6
2,5-3-4-5-6-8 mm

3 000960640



96N/G7
2,5-3-4-5-6-8-10 mm
96N/G7A
1,5-2-2,5-3-4-5-6 mm

3 000960645
3 000960643



96N/B10
1,5-2-2,5-3-4-5-6
8-10-12 mm
96N/BV

5 000960650
1 000960651



96N/SC9
1,5-2-2,5-3-4-5-6-8-10 mm
96N/SCV

1 000960644
1 000960986



96N/SC12
2-2,5-3-3,5-4-4,5-5
6-7-8-9-10 mm
96N/SCV12

1 000960661
1 000960976



96C/AS
offset hexagon key wrenches,
chrome-plated



"	L mm	L1 mm	g		
1/16	46	16	1,01	20	000961702
3/32	53	19	2,70	20	000961706
1/8	60	22	5,33	20	000961710
5/32	67	25	9,33	20	000961714
3/16	74	28	14,87	20	000961716
7/32	81	32	22,00	20	000961718
1/4	89	35	31,40	20	000961720
5/16	103	40	56,16	10	000961724
3/8	117	45	91,31	10	000961728



96C-AS/SC9
1/16-3/32-1/8-5/32-3/16-
7/32-1/4-5/16-3/8

1 000961753

96AS
offset hexagon key wrenches,
burnished



"	L mm	L1 mm		
1/30 (0,035")	44	14	20	000960698
1/20 (0,050")	44	15	20	000960701
1/16	46	16	20	000960702
5/64	50	18	20	000960704
3/32	53	19	20	000960706
7/64	57	21	20	000960708
1/8	60	22	20	000960710
9/64	64	24	20	000960712
5/32	68	25	20	000960714
3/16	75	29	20	000960716
7/32	82	32	20	000960718
1/4	89	35	20	000960720
5/16	103	40	10	000960724
3/8	117	44	10	000960728
7/16	132	49	10	000960730
1/2	149	54	10	000960732
9/16	151	69	2	000960734
5/8	165	72	1	000960736
3/4	194	88	1	000960738



96AS/SC9
1/16-3/32-1/8-5/32-3/16
7/32-1/4-5/16-3/8

1 000960743

96AS/SCV 1 000960744



96AS/T7
3/32-1/8-5/32
3/16-7/32-1/4-5/16

3 000960740



96AS/BG7
3/32-1/8-5/32-3/16
1/4-5/16-3/8

1 000960747



96AS/B11
1/20-1/16-5/64-3/32
1/8-5/32-3/16-7/32
1/4-5/16-3/8
96N/BV

1 000960749

1 000960651



96LC
offset hexagon key wrenches,
long series, chrome-plated



ISO 2936

mm	L mm	L1 mm		
2	101	17	20	000960320
2,5	113	20	20	000960321
3	127	22	20	000960322
3,5	138	25	20	000960323
4	142	28	20	000960324
4,5	154	28	20	000960325
5	163	32	20	000960326
6	184	37	20	000960327
7	194	40	10	000960328
8	205	43	10	000960329
9	216	46	10	000960330
10	231	49	10	000960331
12	259	56	10	000960332



96LC/SC8
2-2,5-3-4-5-6-8-10 mm
96LC/SCV

1 000960334
1 000960983



96LC/SC12
2-2,5-3-3,5-4-4,5-5-6-7-8-9-10 mm
96LC/SCV12

1 000960337
1 000960977

96L

offset hexagon key wrenches,
long series, burnished



ISO 2936

mm	L mm	L1 mm	
2	99	15	20 000960820
2,5	110	17	20 000960825
3	124	19	20 000960830
3,5	135	21	20 000960835
4	138	24	20 000960840
4,5	150	25	20 000960845
5	158	27	20 000960850
6	178	31	20 000960860
7	187	33	10 000960870
8	197	35	10 000960880
9	207	37	10 000960890
10	221	39	10 000960900
12	247	44	10 000960920



96L/SC8
2-2,5-3-4-5-6-8-10 mm
96L/SCV

1 000960924
1 000960987



96L/SC12
2-2,5-3-3,5-4-4,5-5-6-7-8-9-10 mm
96L/SCV12

1 000960929
1 000960978

96BP-CL

ball head offset hexagon key wrenches,
chrome-plated,
coloured



mm	L mm	L1 mm	
1,5	91	16	5 000961600
2	102	17	5 000961601
2,5	113	21	5 000961602
3	128	23	5 000961603
4	143	28	5 000961604
5	163	33	5 000961605
6	185	37	5 000961606
8	206	43	2 000961608
10	231	50	2 000961610



96BP-CL/SC9
1,5-2-2,5-3-4-5-6-8-10 mm
96BP-CL/SCV

1 000961619
1 000961629

96BPC

ball head offset hexagon key wrenches
chrome-plated



mm	L mm	L1 mm	
1,5	79	13	10 000960340
2	84	15	10 000960341
2,5	89	17	10 000960342
3	99	19	10 000960343
4	108	24	10 000960344
5	126	27	10 000960345
6	148	31	10 000960346
7	157	33	5 000960353
8	168	35	5 000960347
10	187	39	5 000960348
12	220	55	5 000960352



96BPC/SC9
1,5-2-2,5-3-4-5-6-8-10 mm
96BPC/SCV

1 000960354
1 000960984

96BP

ball head offset hexagon key wrenches
burnished



mm	L mm	L1 mm	
1,5	79	13	10 000960960
2	84	15	10 000960961
2,5	89	17	10 000960962
3	99	19	10 000960963
4	108	24	10 000960965
5	126	27	10 000960967
6	148	31	10 000960968
8	168	35	5 000960970
10	187	39	5 000960972
12	220	55	5 000960973

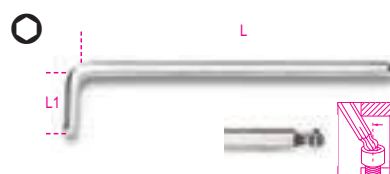


96BP/SC9
1,5-2-2,5-3-4-5-6-8-10 mm
96BP/SCV

1 000960974
1 000960988

96LBP

ball head offset hexagon key wrenches,
extra-long model



mm	L mm	L1 mm	
1,5	90	15	5 000961340
2	100	17	5 000961341
2,5	112	20	5 000961342
3	127	22	5 000961343
4	144	27	5 000961344
5	163	32	5 000961345
6	184	37	5 000961346
8	204	44	2 000961348
10	230	49	2 000961350



96LBP/SC9
1,5-2-2,5-3-4-5-6-8-10 mm
96LBP/SCV

1 000961354
1 000961984

96BP/AS

ball head offset hexagon wrenches
burnished



"	L mm	L1 mm		
3/32	89	17	10	000960989
1/8	98	18	10	000960990
5/32	108	24	10	000960991
3/16	126	26	10	000960992
7/32	139	28	10	000960993
1/4	152	31	10	000960994
5/16	168	34	5	000960995
3/8	190	39	5	000960996



96BP-AS/SC9	1	000961000
1/16-3/32-1/8-5/32-3/16		
7/32-1/4-5/16-3/8		
96BP-AS/SCV	1	000961001



96BP-AS/8	1	000960997
3/32-1/8-5/32-3/16-7/32		
1/4-5/16-3/8		
96BP-AS/BV	1	000960998

96BPA

ball head offset hexagon wrenches, 110°,
extra-short side model



mm	L mm	L1 mm		
1,5	71	9	5	000961960
2	86	11	5	000961961
2,5	96	13	5	000961962
3	104	15	5	000961963
4	116	17	5	000961964
5	132	19	5	000961965
6	155	21	5	000961966
8	176	24	2	000961968
10	200	27	2	000961970



96BPA/SC9	1	000961974
1,5-2-2,5-3-4-5-6-8-10 mm		
96BPA/SCV	1	000961988

96T

OFFSET HEXAGON KEY WRENCHES

with high torque handles

Rapid and easy to handle

The small-size handle is perfectly balanced to quickly rotate in the palm of the hand. The ergonomic shape allows extremely high torques to be applied.

The hexagon ends have been designed to transmit the maximum possible torque to the screw.

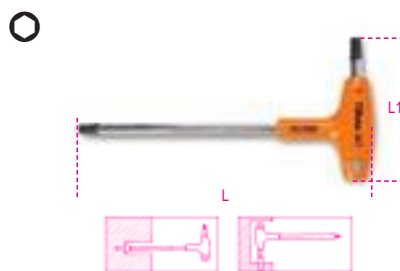
The round blade has a homogenous frame compared to the hexagon blade and provides increased strength.



Blade passes through handle

96T

offset hexagon key wrenches,
with high torque handles



mm	L mm	L1 mm		
2	139	52	5	000960934
2,5	153	55	5	000960935
3	153	55	5	000960936
3,5	179	70	5	000960937
4	179	70	5	000960938
4,5	200	84	5	000960939
5	200	84	5	000960940
6	221	103	5	000960941
7	236	106	3	000960942
8	255	117	3	000960943
10	285	132	3	000960945



96T/S6	1	000960952
2-2,5-3-4-5-6 mm		
96T/S8	1	000960933
2-2,5-3-4-5-6-8-10 mm		
96T/S11	1	000960951
2-2,5-3-3,5-4-4,5-5-6-7-8-10 mm		



96T/SP11	1	000960957
2-2,5-3-3,5-4-4,5-5		
6-7-8-10 mm		
96T/SPV	1	000960958
96T/S11		
97TTX/S11		

96T/AS

offset hexagon key wrenches,
with high torque handles



"	L mm	L1 mm		
3/32	153	55	2	000960669
7/64	153	55	2	000960670
1/8	179	70	2	000960671
9/64	179	70	2	000960672
5/32	200	84	2	000960673
3/16	200	84	2	000960674
7/32	221	103	2	000960675
1/4	236	106	2	000960676
5/16	255	117	2	000960678
3/8	285	132	2	000960680



96T/AS8	1	000960682
3/32-7/64-1/8-5/32-3/16-1/4-5/16-3/8		
96T/AS10	1	000960683
3/32-7/64-1/8-9/64-5/32-3/16-7/32-1/4-5/16-3/8		

96TBP

ball head offset hexagon key wrenches with high torque handles



mm	L mm	L1 mm		
2,5	153	55	3	000960685
3	153	55	3	000960686
4	179	70	3	000960687
5	200	84	3	000960688
6	221	103	3	000960689
8	255	117	2	000960690
10	285	132	2	000960692



96TBP/S6
2,5-3-4-5-6-8 mm

97TX

offset key wrenches, for Torx® head screws



	L mm	L1 mm		
T6	42	16	5	000970006
T7	48	16	5	000970007
T8	48	16	5	000970008
T9	48	16	5	000970009
T10	51	17	5	000970010
T15	54	18	5	000970015
T20	57	19	5	000970020
T25	60	20	5	000970025
T27	64	21	5	000970027
T30	70	24	5	000970030
T40	76	26	5	000970040
T45	83	29	5	000970045
T50	95	32	5	000970050
T55	108	35	5	000970055
T60	120	38	5	000970060



97TX/ST8
T9-T10-T15-T20-T25
T27-T30-T40



97TX/G8
T9-T10-T15-T20-T25
T27-T30-T40



97TX/BG8
T9-T10-T15-T20-T25-T27-T30-T40



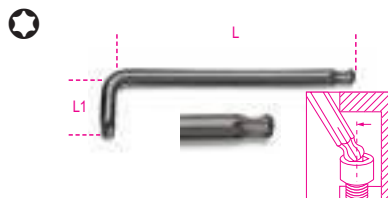
97TX/SC8
T9-T10-T15-T20-T25
T27-T30-T40
97TX/SCV



97TX/B13
T6-T7-T8-T9-T10-T15-T20
T25-T27-T30-T40-T45-T50
96N/BV

97BTX

ball head offset key wrenches, for Torx(R) head screws



	L mm	L1 mm		
T9	62	16	5	000970109
T10	71	17	5	000970110
T15	81	18	5	000970115
T20	92	19	5	000970120
T25	94	20	5	000970125
T27	105	21	5	000970127
T30	114	24	5	000970130
T40	129	26	5	000970140
T45	133	28	5	000970145
T50	152	32	3	000970150
T55	164	35	3	000970155



97BTX/SC8
T9-T10-T15-T20-T25-T27-T30-T40
97BTX/SCV



97BTX/B8
T9-T10-T15-T20-T25
T27-T30-T40
96N/BV

97BTX-C

ball head offset key wrenches, for Torx® head screws, coloured



	L mm	L1 mm		
T9	80	16	5	000971609
T10	86	17	5	000971610
T15	90	18	5	000971615
T20	95	19	5	000971620
T25	100	20	5	000971625
T27	105	21	5	000971627
T30	114	24	5	000971630
T40	124	26	5	000971640



97BTX-C/SC8
T9-T10-T15-T20-T25-T27-T30-T40
97BTX-C/SCV



97BTXL

ball head offset key wrenches, long model, for Torx® head screws



	L mm	L1 mm		
T9	80	15	3	000970309
T10	86	17	3	000970310
T15	100	18	3	000970315
T20	110	19	3	000970320
T25	126	20	3	000970325
T27	140	24	3	000970327
T30	160	28	3	000970330
T40	176	32	3	000970340



97BTXL/SC8 T9-T10-T15-T20- T25-T27-T30-T40	1	000970364
97BTXL/SCV	1	000970982

97RTX

offset key wrenches for Tamper Resistant Torx® head screws



	L mm	L1 mm		
T6	40	15	5	000970206
T7	45	15	5	000970207
T8	50	16	5	000970208
T9	56	16	5	000970209
T10	62	17	5	000970210
T15	72	17	5	000970215
T20	83	18	5	000970220
T25	90	18	5	000970225
T27	100	20	5	000970227
T30	105	24	5	000970230
T40	112	26	5	000970240
T45	118	26	5	000970245
T50	122	28	3	000970250
T55	128	30	3	000970255



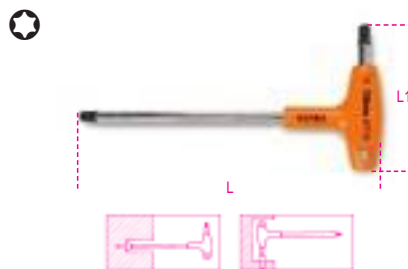
97RTX/SC8 T9-T10-T15-T20-T25 T27-T30-T40	1	000970263
97RTX/SCV	1	000970984



97RTX/B8 T9-T10-T15-T20-T25 T27-T30-T40	1	000970260
96N/BV	1	000960651

97TTX

offset key wrenches with handles for Torx® head screws



	L mm	L1 mm		
T6	130	52	3	000970706
T7	130	52	3	000970707
T8	139	52	3	000970708
T9	139	52	3	000970709
T10	179	70	3	000970710
T15	179	70	3	000970715
T20	179	70	3	000970720
T25	179	70	3	000970725
T27	200	84	3	000970727
T30	200	84	3	000970730
T40	221	103	3	000970740
T45	236	106	2	000970745
T50	255	117	2	000970750



97TTX/S6 T10-T15-T20-T25-T30-T40	1	000970791
97TTX/S8 T8-T10-T15-T20-T25- T27-T30-T40	1	000970808
97TTX/S11 T8-T9-T10-T15-T20-T25 T27-T30-T40-T45-T50	1	000970800
97TTX/S13 T6-T7-T8-T9-T10-T15-T20-T25 T27-T30-T40-T45-T50	1	000970813



97TTX/SP11 T8-T9-T10-T15-T20-T25 T27-T30-T40-T45-T50	1	000970840
96T/SPV 96T/S11	1	000960958
97TTX/S11		

98XZN

offset key wrenches with XZN® profile



DIN 65253

	L mm	L1 mm		
M5	83	25	5	000980005
M6	89	30	5	000980006
M8	97	32	5	000980008
M10	106	35	5	000980010
M12	116	37	5	000980012
M14	118	45	5	000980014
M16	125	45	5	000980016



98XZN/B5 M5-M6-M8-M10-M12	1	000980650
96N/BV	1	000960651

99

hook wrenches with square noses, for ring nuts UNI/ISO 2982, 2983



UNI 6752

	mm	A mm		
12-14		1,5	3	000990012
16-18-20		1,8	3	000990016
22-25-28		1,8	3	000990022
30-32		2,1	3	000990030
34-36-38		2,4	3	000990034
40-42		2,4	3	000990040
45-50		2,5	3	000990045
52-55-58		2,5	3	000990052
62-65		3,1	3	000990062
68-70-75		3,1	3	000990068
80-85-90		3,8	2	000990080
92-95		4,3	2	000990092
98-100		4,3	2	000990098
105-110-115		4,4	1	000990105
120-125-130		4,9	1	000990120
135-145		6,0	1	000990135
155-165		6,0	1	000990155

99SQ

hook wrenches with square noses for ring nuts



	mm	B mm		
15-35		2,7	2	000990215
35-50		3,5	2	000990235
50-80		4,7	2	000990250
80-120		6,2	2	000990280
120-180		7,8	2	000990290

99ST

hook wrenches with round noses for ring nuts



Ø mm	Ø mm	B mm		
15-35	3,0	2,5	2	000990315
35-50	4,0	4,5	2	000990335
50-80	5,0	5,0	2	000990350
80-120	6,0	7,0	2	000990380
120-180	8,0	9,0	2	000990390

99 VN/...

spare nose for item 99ST

	Ø mm		
99ST VN/15	15-35	1	000990295
99ST VN/35	35-50	1	000990296
99ST VN/50	50-80	1	000990297
99ST VN/80	80-120	1	000990298
99ST VN/120	120-180	1	000990299

100

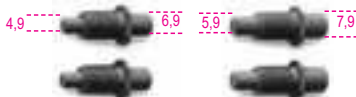
round pin wrench for ring nuts with front holes



Ø mm	L mm	Ø min-max mm	
4,9-5,9	250	18÷100	1 001000001
6,9-7,9			

100/KIT

spare pins for item 100



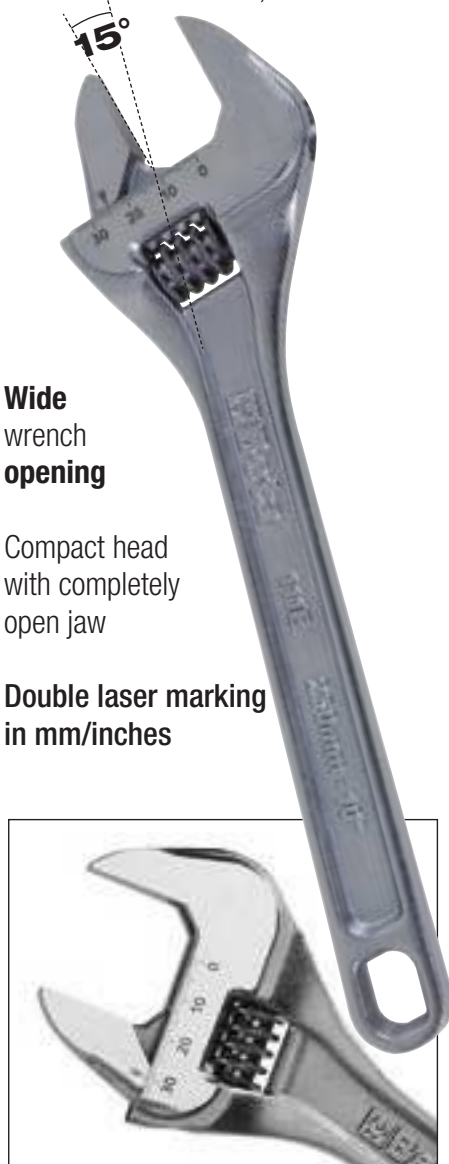
100/KIT	
	1 001000010

111E

ADJUSTABLE WRENCHES WITH SCALES

The new adjustable wrenches with scales, **Beta 111E**, allow differently sized nuts and bolts to be tightened and loosened through the sliding jaws, which can be adjusted through the central rolls.

Head angled at **15°**, allowing hardly accessible spaces to be reached, as is the case with our iconic combination wrenches, "42"



Wide wrench opening

Compact head with completely open jaw

Double laser marking in mm/inches



Based on the new ergonomic properties, weight has been reduced by 20%

Made from high-performance alloy steel for increased mechanical torsional strength
Special heat treatment for **excellent wear resistance**

Hole on handle for hanging wrench

111E

adjustable wrenches with scales, chrome-plated

- Right-hand rotation of pin
- Mm/inch scale



DIN 3117 ISO 6787

L mm	L "	A max mm		
100	4	15	3	001110110
150	6	24	3	001110115
200	8	29	3	001110120
250	10	34	3	001110125
300	12	40	3	001110130
380	15	45	3	001110138
450	18	54	2	001110145
600	24	62	1	001110160

111EN

adjustable wrenches with scales, phosphated

- Left-hand rotation of pin
- Mm/inch scale



DIN 3117 ISO 6787

L mm	L "	A max mm		
100	4	15	3	001110410
150	6	24	3	001110415
200	8	29	3	001110420
250	10	34	3	001110425
300	12	40	3	001110430
380	15	45	3	001110438
450	18	54	2	001110445

111ER

reversible jaw adjustable wrenches with scales, chrome-plated

- Reversible jaw
- Right-hand rotation of pin
- Mm/inch scale



L mm	L "	A max mm	Ø max "		
200	8	29	3/4	3	001110520
250	10	34	1	3	001110525
300	12	40	1.1/4	2	001110530

111CM

wide opening adjustable wrenches, chrome-plated, short series

- Wide opening
- Right-hand rotation
- Mm/inch scale

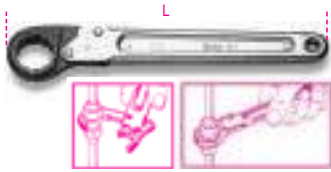


L mm	L "	A max mm		
170	6	32	2	001110770
220	8	38	3	001110722
270	10	46	3	001110727

Beta

120

ratchet opening single ended bi-hex wrenches



mm	L mm		
10	135	1	001200010
11	135	1	001200011
12	135	1	001200012
13	135	1	001200013
14	135	1	001200014
17	185	1	001200017
19	185	1	001200019
22	230	1	001200022
24	230	1	001200024
27	230	1	001200027
30	320	1	001200030
32	320	1	001200032



120/B6N	1	001200060
10-11-13		
17-19-22 mm		
2002/BVL6	1	020020010

123E1/4

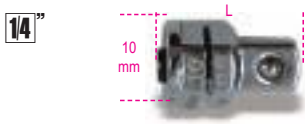
bit holder adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm		
10	20,6	1	001230010

123Q1/4

quick release adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm		
10	17,5	1	001230310

123Q3/8

quick release adaptor, 3/8", for 13 mm ratcheting wrenches



mm	L mm		
13	22,5	1	001230313

123Q1/2

quick release adaptor, 1/2", for 19 mm ratcheting wrenches



mm	L mm		
19	30,5	1	001230319

123/K4

kit with 4 adapters for ratchet wrenches:
1 bit adapter
3 quick release adapters



123/K4	1	001230504
--------	---	-----------

141

ratcheting combination wrenches, straight series



ISO 21982:2020

mm	L mm		
8x8	136	3	001410008
9x9	143	3	001410009
10x10	160	3	001410010
11x11	168	3	001410011
12x12	174	3	001410012
13x13	180	3	001410013
14x14	193	2	001410014
15x15	200	2	001410015
16x16	216	2	001410016
17x17	233	2	001410017
18x18	239	2	001410018
19x19	250	2	001410019



141/B6	1	001410066
8-10-13-14-17-19 mm		
141/B9	1	001410069
8-10-11-12-13-14-15-17-19 mm		



141/S12	1	001410072
8-9-10-11-12-13-14-15-16-17-18-19 mm		

142

RATCHETING WRENCHES

The rapid 72-tooth ratchet provides a take-up angle of no more than 5°, thereby resulting in quick, accurate tightening.

① The fixed mouth makes strong tightening possible, based on the long shank.

② The built-in reversing lever avoids any risk of accidental reversal.

③ The bi-hex ring end is angled at 15°, to protect the hand and allow easier access.

④ The fixed head is angled at 15° to the axis, thereby resulting in a reduced take-up angle.

142

reversible ratcheting combination wrenches



ISO 21982:2020

mm	L mm		
6x6	136	3	001420006
7x7	136	3	001420007
8x8	136	3	001420008
9x9	143	3	001420009
10x10	159	3	001420010
11x11	168	3	001420011
12x12	174	3	001420012
13x13	180	3	001420013
14x14	190	2	001420014
15x15	200	2	001420015
16x16	216	2	001420016
17x17	233	2	001420017
18x18	239	2	001420018
19x19	248	2	001420019
21x21	285	1	001420021
22x22	285	1	001420022
24x24	325	1	001420024
27x27	355	1	001420027
30x30	420	1	001420030
32x32	420	1	001420032
34x34	482	1	001420034
36x36	482	1	001420036
38x38	482	1	001420038





142/B6 8-10-13-14-17-19 mm	1	001420066
142/BV6	1	001420076
142/B9 8-10-11-12-13-14-15-17-19 mm	1	001420069
142/BV9	1	001420079



142/S15 6-7-8-9-10-11-12-13 14-15-16-17-18-19-22 mm	1	001420074
142/S17 6-7-8-10-11-12-13-14-15- 16-17-18-19-21-22-24-27 mm	1	001420068
142/S19 6-7-8-9-10-11-12 13-14-15-16-17-18 19-22-24-27-30-32 mm	1	001420075

142/SC9I-E

set of 9 reversible ratcheting combination wrenches, with compact support



142/SC9I 8-10-11-12-13-14-15-17-19 mm	1	001420087
142/SCV9I	1	001420103
142/SC9E 8-10-11-12-13-16-17-18-19 mm	1	001420088
142/SCV9E	1	001420104

142MC

reversible ratcheting combination wrenches, coloured



ISO 21982:2020

mm	L mm		
8x8	136		3 001422008
10x10	159		3 001422010
11x11	168		3 001422011
12x12	174		3 001422012
13x13	180		3 001422013
14x14	190		2 001422014
15x15	200		2 001422015
16x16	216		2 001422016
17x17	233		2 001422017
18x18	239		2 001422018
19x19	248		2 001422019



142MC/SC9I 8-10-11-12-13-14-15-17-19 mm	1	001422087
142MC/SC9E 8-10-11-12-13-16-17-18-19 mm	1	001422088

142AS

reversible ratcheting combination wrenches



mm	L mm	
5/16x5/16	136	2 001420308
3/8x3/8	159	2 001420310
7/16x7/16	168	2 001420311
1/2x1/2	180	2 001420313
9/16x9/16	190	2 001420314
5/8x5/8	216	2 001420316
11/16x11/16	233	2 001420317
3/4x3/4	248	2 001420319



142AS /8 5/16-3/8-7/16-1/2 9/16-5/8-11/16-3/4	1	001420330
--	---	-----------

142C

ratcheting combination wrenches, straight short series



ISO 21982:2020

mm	L mm	
8x8	88	2 001420108
9x9	96	2 001420109
10x10	96	2 001420110
11x11	100	2 001420111
12x12	104	2 001420112
13x13	108	2 001420113
14x14	114	2 001420114
15x15	118	2 001420115
16x16	122	2 001420116
17x17	128	2 001420117
18x18	132	2 001420118
19x19	138	2 001420119



142C/A12 8-9-10-11-12-13-14 15-16-17-18-19 mm	1	001420175
--	---	-----------

142SN

swivel end ratcheting combination wrenches



ISO 21982:2020

mm	L mm	
7x7	136	2 001420207
8x8	136	2 001420208
9x9	143	2 001420209
10x10	160	2 001420210
11x11	168	2 001420211
12x12	174	2 001420212
13x13	180	2 001420213
14x14	193	2 001420214
15x15	200	2 001420215
16x16	216	2 001420216
17x17	233	2 001420217
18x18	239	2 001420218
19x19	250	2 001420219
22x22	285	1 001420222
24x24	325	1 001420224



142SN/S13 7-8-9-10-11-12-13-14 15-16-17-18-19 mm	1	001420263
---	---	-----------



142SN/SC9 8-10-11-12-13-14-15-17-19 mm	1	001420259
--	---	-----------

186

self-locking wrench with automatic take-up device
for hexagons, 8 to 32 mm

Ideal for hexagon, Splined, square and Torx® head screws, including damaged screws.



L mm	1	001860008
260		

187

swivelling, openable wrenches



mm	L mm	1	001870008
8x9	125		
10x11	155		
12x13	175		
14x15	205		
16x17	235		



187/B5	1	001870050
8x9-10x11-12x13 14x15-16x17 mm		

188

ratcheting flat bi-hex ring wrenches
for free alternator pulleys



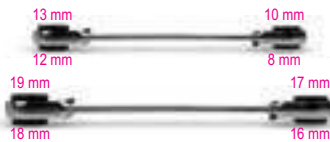
mm	L mm	2	001880010
10	240		
15	322		

192

reversible ratcheting double-ended flat bi-hex ring wrenches, 4 in 1



mm	L mm	1	001920008
8x10/12x13	160		
16x17/18x19	230		



192/S2	1	001920070
8x10/12x13 mm 16x17/18x19 mm		

194

reversible ratcheting wrench
for bits



1/4x5/16	L mm	2	001940006
	128		

195

ratcheting double-ended flat bi-hex ring wrenches



mm	L mm	2	001950010
8x10	128		
12x13	170		
14x15	190		
16x18	230		
17x19	230		



195/B5	1	001950066
8x10-12x13-14x15 16x18-17x19 mm		

195AS

ratcheting double-ended flat bi-hex ring wrenches



mm	L mm	2	001950606
5/16x3/8	128		
7/16x1/2	170		
9/16x5/8	190		
11/16x3/4	230		



195AS/B4	1	001950654
5/16x3/8 - 7/16x1/2 - 9/16x5/8 - 11/16x3/4		

195P

reversible ratcheting double-ended offset
bi-hex ring wrenches, bent at 15°



ISO 21982:2020

mm	L mm	2	001950210
8x10	128		
12x13	170		
14x15	190		
16x18	230		
17x19	230		



195P/B5	1	001950266
8x10-12x13-14x15 16x18-17x19 mm		

195/BV5	1	001950070

310

polywelder for PE, PP, PVC
and PVDF pipes and fittings

CE



230V-650 Watt
50 Hz+60Hz
Schuko (CEE 7/7)

310/1	16÷50	1	003100001
310/2	16÷63		003100002

310B

forms for polywelder item 310



mm	1	003100016
16		
20		003100020
25		003100025
32		003100032
40		003100040
50		003100050
63		003100063





310/C4

polywelder with assortment of 3 forms



310/C4
310/1+310B: Ø 20-25-32

410x260x82 mm - 4,8 kg

1 003100104

310/C8

polywelder with assortment of 7 forms



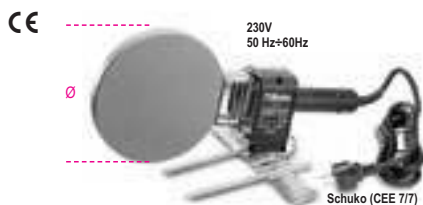
310/C8
310/2+310B: Ø 16-20-25
32-40-50-63

440x270x120 mm - 7,7 kg

1 003100108

311

heating plates for manual straight and slanted welding of PE pipes



	Ø mm	Watt
311/1	120	300
311/2	190	900

1 003110001
1 003110002

FIELD OF USE OF BETA'S PIPE CUTTERS

Beta's pipe cutters cover a wide range of applications. They rely on accurate, smooth rollers and screw or telescopic feed to make accurate, clean cuts possible on all the materials used for pipes.

The table below shows the pipe cutter / cutter wheel combinations for each material.

	STEEL GAS PIPES		
	10 mm	60 mm	115 mm
	1/8"	2"	4"
330/2			
330/4			

	STAINLESS STEEL GAS PIPES		
	10 mm	60 mm	115 mm
	1/8"	2"	4"
330/2+330R/12			
330/4+330R/14			

	COPPER AND LIGHT ALLOY PIPES							
	3 mm	6 mm	8 mm	16 mm	28 mm	30 mm	38 mm	67 mm
	1/8"	1/4"	5/16"	5/8"	1"1/8"	1"1/2"	2"5/8"	
332								
334								
336								
338								

	THIN-WALLED STAINLESS STEEL PIPES							
	3 mm	6 mm	8 mm	16 mm	28 mm	30 mm	38 mm	67 mm
	1/8"	1/4"	5/16"	5/8"	1"1/8"	1"1/2"	2"5/8"	
332 + 334R/1								
334 + 334R/1								
336 + 338R/1								
338 + 338R/1								

	PLASTIC PIPES							
	6 mm	8 mm	16 mm	30 mm	38 mm	50 mm	67 mm	127 mm
	1/4"	5/16"	5/8"	1"1/8"	1"1/2"	2"	2"5/8"	5"
336 + 338RP								
338 + 338RP								
339A								

330

pipe cutters for steel gas pipes

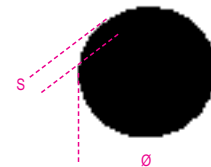


	Ø mm -"	L mm
330/2	10÷60 1/8"÷ 2"	380
330/4	60÷115 2"÷ 4"	585

1 003300002
1 003300004

330R/1

spare cutter wheel for item 330 for stainless steel pipes



	Ø mm	S mm
330R/12	32	7
330R/14	32	9

1 003300024
1 003300034

331C

portable C-shaped pipe cutter for copper and light alloy pipes

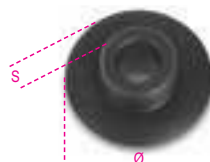


	Ø mm	L mm
15÷22	78	

1 003310050

330R/A

spare cutters for item 330 wheels for steel pipes



	Ø mm	S mm
330R/A2	32	7
330R/A4	42	9

1 003300012
1 003300014

332

mini pipe cutter for copper and light alloy pipes



Ø mm - "	L mm		
3÷16 1/8"÷5/8"	59	2	003320001
3÷28 1/8"÷1"1/8"	63	2	003320003

334

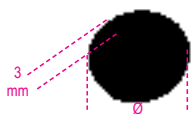
pipe cutter for copper and light alloy pipes



Ø mm - "	L mm		
3÷30 1/8"÷1"1/8"	150	1	003340001

334R

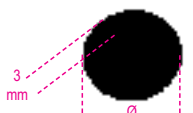
spare cutter wheel for items 332 and 334 for copper and light alloy pipes



	Ø mm		
334R	18	1	003340021

334R/I

spare cutter wheel for items 332 and 334 for stainless steel pipes



	Ø mm		
334R/I	18	1	003340023

336

telescopic pipe cutter for copper and light alloy pipes



Ø mm - "	L mm		
6÷38 1/4"÷1"1/2"	160	1	003360001

338

telescopic pipe cutter, fast advance for copper, light alloys and plastic pipes



Ø mm - "	L mm		
6÷67 1/4"÷2"5/8"	290	1	003380001

338R

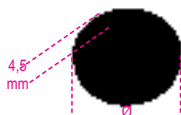
spare cutter wheel for items 331L, 336 and 338 for copper and light alloy pipes



	Ø mm		
338R	18,5	1	003380022

338R/I

spare cutter wheel for items 336 and 338 for stainless steel pipes



	Ø mm		
338R/I	21,8	1	003380023

338RP

spare cutter wheel for items 336 and 338 for plastic pipes



	Ø mm		
338RP	21,9	1	003380025

339A

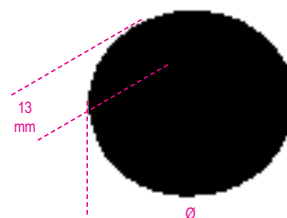
telescopic pipe cutter, fast advance for plastic pipes



Ø mm - "	L mm		
50÷127 2"÷5"	345	1	003390011

339A/R

spare cutter wheels for item 339A



	Ø mm		
339A/R	42	1	003390061

340

multilayer pipe cutting pliers, max. Ø 26 mm
PTFE-coated blade
4 support rollers making it easier to rotate pipe during cutting jobs
system for cutting corrugated pipes built into handle
lightweight magnesium body



	Ø max mm		
340	26	1	003400001

340RL

spare blade for item 340



340RL		1	003400010

340C

corrugated pipe cutting pliers

- pliers made of alloy aluminium and magnesium
- compact, pocket-size, lightweight
- additional blade for lengthwise cutting



Ø mm	L mm	1	003400050
14-45	134		

340C/KRL

kit of 3 spare blades for 340C



340C/KRL	1	003400055
----------	---	-----------

341

pipe cutting pliers for plastic pipes



Ø mm	L mm	1	003410001
0-25	190		

341RL

spare blade for item 341



341RL	1	003410010
-------	---	-----------

341B

ratchet-type shears for plastic pipes



Ø mm	L mm	1	003410051
0-35	195		

341B/RM

spare spring for item 341B

341B/RM	1	003410061
---------	---	-----------

341B/RL

spare blade for item 341B



341B/RL	1	003410060
---------	---	-----------

342

Ratchet-type shears for plastic pipes



Ø mm - " mm	L mm	1	003420030
0-42 1"5/8	200		

342MOL

spare spring for item 342

342MOL	1	003420033
--------	---	-----------

342RL

spare blade for item 342



342RL	1	003420032
-------	---	-----------

342A

ratchet-type shears for plastic pipes



Ø mm - " mm	L mm	1	003420101
0-50 2"	270		

342A/MOL

spare spring for item 342A

342A/MOL	1	003420111
----------	---	-----------

342A/RL

spare blade for item 342A



342A/RL	1	003420110
---------	---	-----------

342P

ratchet-type shears for plastic pipes, made from magnesium alloy



Ø mm - " mm	L mm	1	003420121
0-50 2"	260		

342P/RL

spare blade for item 342P

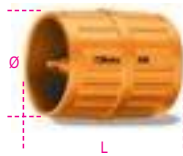


342P/RL	1	003420130
---------	---	-----------



345

pipe reamer metal body



∅	L		
mm - "	mm		
3÷42	58	5	003450001
1/8"÷1"5/8			

345U

pipe reamer for stainless steel, steel, copper and light alloys



∅	L		
mm - "	mm		
4÷36	60	1	003450050
5/32÷1"7/16			

345U/A

adapter for pipe reamer 345U, 1/4" hexagon drive, for power drivers



L			
mm			
90	3	003450055	

345C

multilayer pipe gauge



∅			
mm			
16-20-26-32	1	003450032	

345SB

deburrer with revolving replacement blade



L			
mm			
150	5	003450010	

345SB/R

spare blade for item 345SB



345SB/R	3	003450015	

345SB2

deburrer with fixed blade



L			
mm			
140	5	003450022	

345SC

4-in-1 brush for inside and outside diameters, 1/2" and 3/4"



L	L1	L2		
mm	mm	mm		
195	28	32	2	003450060

345SI

deburrer for internal use, with revolving replacement blade



L	∅		
mm	mm		
168	16,5	1	003450040

345SI/R

spare blade for item 345SI



345SI/R	1	003450045	

349

tube flaring tool with clutch, for copper and light alloy pipes



∅			
mm - "			
6-8-10-12-14-15-16-18	1	003490001	
(1/8-3/16-1/4-5/16			
3/8-1/2-5/8-3/4)			
≡ 270x200x50 mm - 2,7 kg			

349/SMM

metric slide for item 349



∅			
mm			
6-8-10-12-14-15-16-18	1	003490011	

349/SMAS

inch slide for item 349



∅			
mm			
1/8-3/16-1/4-5/16	1	003490012	
3/8-1/2-5/8-3/4			

350

tube flaring tool for copper and light alloy pipes



∅ mm	L mm	A mm	
4-4,75-6-8	175	104	1 003500001
10-12-14			

351C

pipe cutter and tube flaring tool



351C		
	1	003510010

334	∅ 3+30 mm (1/8"+1"1/8)
350	∅ 4+14 mm
351P	∅ 4-4,75-6-8-10-12-14 mm

225x150x45 mm - 1,6 kg

351P

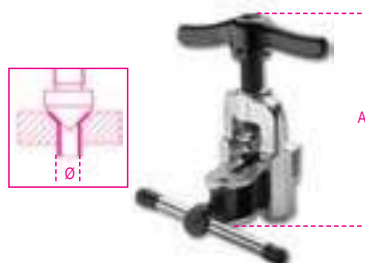
inserts for tube flaring tool item 350



	∅ mm	
351P 4	4	3 003510101
351P 4,75	4,75	3 003510102
351P 6	6	3 003510103
351P 8	8	3 003510104
351P 10	10	3 003510105
351P 12	12	3 003510106
351P 14	14	3 003510107

352U

adjustable tube flaring tool for copper and light alloy pipes



∅ mm - "	A mm	
5=16 3/16=5/8	130	1 003520101

352C/U

pipe cutter, deburrer and adjustable tube flaring tool



352C/U		
	1	003520110

334 ∅ 3+30 mm (1/8"+1"1/8)

345SB

352U ∅ 5+16 mm (3/16"+5/8")

335x145x60 mm - 2120 g

353N

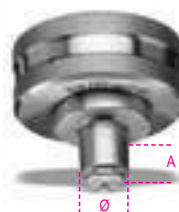
tube expanding pliers, with interchangeable forms



L mm	
380	1 003530201

353NM

forms for tube expanding pliers item 353N



∅ mm	A mm	
10	7	1 003530210
12	10	1 003530212
14	10	1 003530214
16	12	1 003530216
18	12	1 003530218
22	13	1 003530222

353N/C6

tube expanding pliers item 353N with forms item 353NM



353N/C6		
	1	003530300

353N

353NM ∅ 10-12-14-16-18-22 mm

420x185x60 mm - 2,2 kg

355

combination spud wrench, five steps



∅ "	L mm	
3/8"-1/2" 3/4"-1"	90	2 003550001

357F3

three-vial spirit level



∅ "	L mm	
3/8" / 1/2"	90=220	1 003570100

357R/F3

spare vial for item 357F3



357R/F3		
	1	003570101

Beta

358

tools for chamfering plastic pipes



	∅ mm		
358/1	16÷110	1	003580001
358/2	40÷250	1	003580002

358RL

spare blade for items 358/1 and 358/2



358RL	1	003580011
-------	---	-----------

359

universal drain wrench



∅ "	L mm	A mm	
1"÷1"1/4	160	140	1 003590001

359CH

drain adaptor, cross-shape for item 359



∅ "	L mm	
1"1/2	74	1 003590005

360

pipe wrenches, Stillson pattern



L mm	∅ max "	∅ max mm	
250	1" gas	34	1 003600025
350	1"1/2 gas	49	1 003600035
450	2" gas	60	1 003600045
600	2"1/2 gas	76	1 003600060
900	3"1/2 gas	102	1 003600090

360R/...

spare parts kit for item 360
with moving jaw and ring nut.

360R250	1	003600225
360R350	1	003600235
360R450	1	003600245
360R600	1	003600260
360R900	1	003600290

361N

adjustable lever pipe wrench



L mm	∅ max "	∅ max mm	
350	1" 1/2	49	1 003610014

362

heavy duty pipe wrenches



L mm	∅ max "	∅ max mm	
200	1" gas	34	1 003620020
250	1"1/2 gas	49	1 003620025
300	2" gas	60	1 003620030
350	2" gas	60	1 003620035
450	2"1/2 gas	76	1 003620045
600	3" gas	90	1 003620060
900	5" gas	140	1 003620090

362R/...

spare parts kit for item 362
with: fixed jaw, moving jaw; ring nut; lockpin.

362R 200	1	003620220
362R 250	1	003620225
362R 300	1	003620230
362R 350	1	003620235
362R 450	1	003620245
362R 600	1	003620260
362R 900	1	003620290

363

heavy duty pipe wrenches
made from light alloy



L mm	∅ max "	∅ max mm	
350	2" gas	60	1 003630035
450	2"1/2 gas	76	1 003630045
600	3" gas	90	1 003630060
900	5" gas	140	1 003630090
1200	6" gas	165	1 003630120

363R/...

spare parts kit for item 363
with: fixed jaw; moving jaw; ring nut; lockpin.

363R 350	1	003630235
363R 450	1	003630245
363R 600	1	003630260
363R 900	1	003630290
363R 1200	1	003630320

365

heavy duty pipe wrenches,
offset pattern made from light alloy



L mm	∅ max "	∅ max mm	
350	2" gas	60	1 003650035
450	2"1/2 gas	76	1 003650045

365R/...

spare parts kit for item 365
with: fixed jaw; moving jaw; ring nut; lockpin.

365R 350	1	003650235
365R 450	1	003650245

366

pipe wrenches, light pattern



L mm	∅ max "	∅ max mm	
175	1" gas	34	1 003660017
225	1"1/2 gas	49	1 003660022
275	2" gas	60	1 003660027
300	2"1/2 gas	76	1 003660030
350	3" gas	90	1 003660035

374

pipe wrenches,
Swedish pattern, 45° slim jaws



DIN 5234

L mm	∅ max" gas	∅ max mm	
240	1/2"	21	1 003740024
320	1"	34	1 003740032
410	1 1/2"	49	1 003740041
550	2"	60	1 003740055
630	3"	90	1 003740063

375

pipe wrench, Swedish pattern,
45° flat jaws



DIN 5234

L mm	∅ max" gas	∅ max mm	
320	1"	34	1 003750032
410	1 1/2"	49	1 003750041
550	2"	60	1 003750055

376

pipe wrenches,
Swedish pattern, 90° flat jaws



DIN 5234

L mm	∅ max" gas	∅ max mm	
320	1"	34	1 003760032
410	1 1/2"	49	1 003760041
550	2"	60	1 003760055
630	3"	90	1 003760063

378

pipe wrenches,
Swedish pattern, 45° slim jaws



DIN 5234

L mm	∅ max" gas	∅ max mm	
250	1/2"	21	1 003780025
320	1"	34	1 003780032
410	1 1/2"	49	1 003780041
550	2"	60	1 003780055
650	3"	90	1 003780065

374R/...

complete spare parts kit for items 374 - 375 -
376 - 378
with ring nut and ring nut stop

374R 240 x 374/240-378/250	1 003740724
374R 320 x 374/320-376/320-378/320	1 003740732
374R 410 x 374/410-375/410-376/410-378/410	1 003740741
374R 550 x 374/550-376/550-378/550	1 003740755
374R 630 x 374/630-378/650	1 003740763

383

reversible strip pipe wrenches



	∅ max" gas	∅ max mm	L mm	
383/1	3"	90	300	1 003830001
383/2	8"	220	300	1 003830002

383R

spare strips for item 383

	S mm	
383R/1	27	1 003830010
383R/2	27	1 003830015

384

reversible chain pipe wrench



	∅ max" gas	∅ max mm	L mm	
384	4"	115	300	1 003840032

384RC

spare chain for item 384

384RC	1 003840033
-------	-------------

386A/RC

spare chains for item 386A

386A3/RC	1 003860013
386A4/RC	1 003860014
386A5/RC	1 003860015
386A6/RC	1 003860016

387

pipe bender for copper and nonferrous metal
pipes,
with interchangeable forms
3/16"-1/4"-5/16"-3/8"



L mm	∅ mm	
255	3/16"-1/4"-5/16"-3/8"	1 003870001

387R

spare forms for item 387

3/16"-1/4"	1 003870010
5/16"-3/8"	1 003870015

388

pipe benders for thin walled copper,
light alloy and mild steel pipes

∅ mm	L mm	R mm	
6	305	18,0	1 003880006
8	315	23,5	1 003880008
10	350	31,0	1 003880010
12	360	31,0	1 003880012
14	455	46,5	1 003880014
15	465	46,5	1 003880015
16	465	46,5	1 003880016

388A

pipe bending pliers for thin walled
copper and light alloy pipes

	∅ mm	L mm	
388A/1	6-8-10	220	1 003880051
388A/2	1/4"-5/16"-3/8"	220	1 003880055

388C/C8

pipe bender with 7 forms
for thin walled copper and light alloy pipes

	∅ mm	
388C/C8	10-12-14-16 18-20-22	1 003880200

400x330x110 mm - 3,6 kg

389/K4

kit of pipe bending springs for copper pipes for external use



Ø"	L mm		
1/4-3/8-1/2-5/8	290	1	003890001

386A

heavy duty reversible chain pipe wrenches



	Ø max	L mm		
386A/3	4" gas 115 mm	900	1	003860003
386A/4	6" gas 168 mm	900	1	003860004
386A/5	8" gas 220 mm	1100	1	003860005
386A/6	12" gas 324 mm	1300	1	003860006

392C

adjustable drain tap pliers



Ø mm	L mm		
25±65	260	1	003920100

392RG/C

spare jaw protectors for item 392C, pair



392RG/C	1	003920101
---------	---	-----------

393

water tap wrench



L mm		
270	1	003930001

395

hinged water tap wrench



Ø	L mm		
15±32 mm 5/8"±1"1/4	240	1	003950001

395T

telescopic hinged water tap wrench



Ø	L mm		
10±32 mm 3/8"±1"1/4	250±430	1	003950100

398

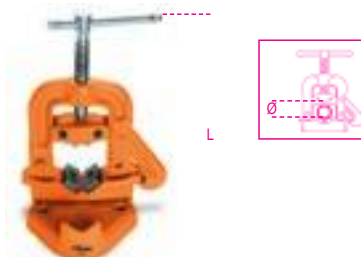
workbench chain vices



Ø	L mm		
1/2±8"	250	1	003980008

399

pivoting clamp vices



Ø	L min mm		
10±60 mm 1/8±2"	220	1	003990005
10±89 mm 1/8±3"	290	1	003990010

399R/...

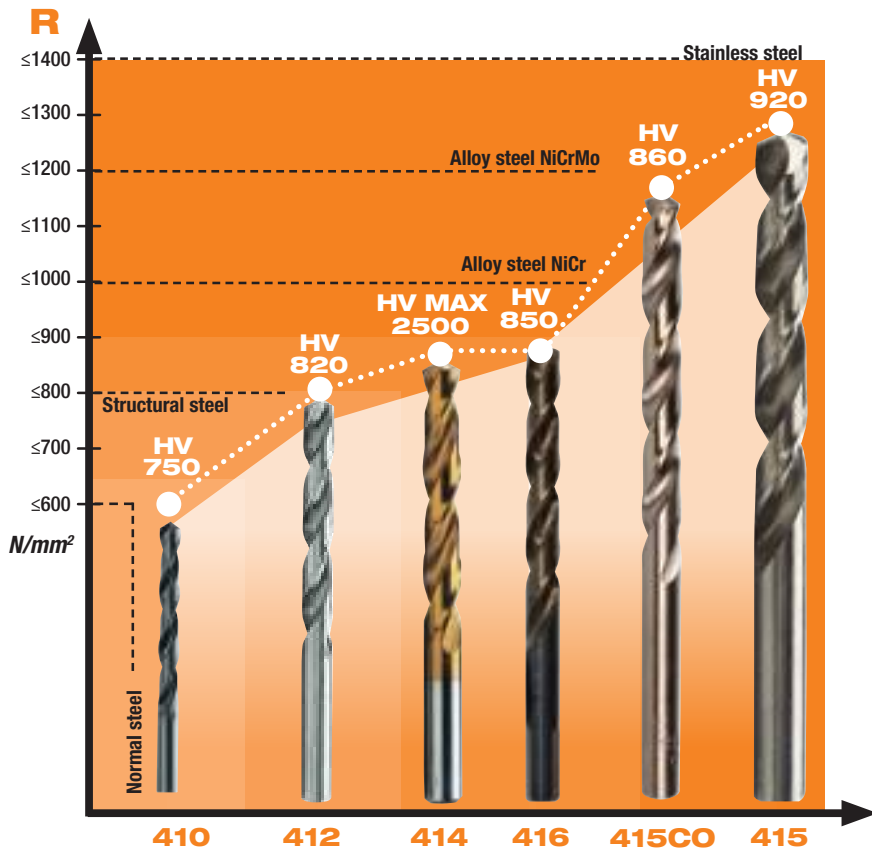
spare kit for item 399
composed of two lower jaws and one upper jaw



399RG1/8-2"	1	003990105
399RG1/8-3"	1	003990110



CHART FOR METAL TWIST DRILLS



R N/mm^2 – Mechanical resistance of the material to drill.

HV – Twist drill hardness according to the Vickers scale: the higher the value, the higher the hardness of the material.

GUIDE TO TWIST DRILLS WITH CYLINDRICAL SHANKS

Rolled twist drills – Twist drills obtained from a hot-rolling manufacturing process. Good-quality twist drills, for use for light-duty jobs, e.g. drilling of iron, mild steel, light alloys and nonferrous metals in general.

Ground twist drills – Twist drills obtained entirely from grinding from a heat-treated steel bar. High-performance twist drills, for drilling steel and light alloys: constant efficiency, excellent chip removal and drilling precision.

HSS – High-speed steel, extremely hard, and resistant to high temperatures; the best material for cutting, tapping and threading tools.

Cobalt (Co) – A base alloy element, providing steel with improved heat resistance, and decreasing twist drill wear, e.g. at high temperatures. The higher the cobalt content, the better the performance of the tool. The most commonly used alloys have a 5% or 8% cobalt content.

HSS-Co – High-speed steel with a 5% or 8% cobalt content.

TiN – Ultrathin titanium nitride coating; based on its high hardness and low friction factor, it provides increased resistance to wear and oxidation and improved drilling chip removal.

Chrome steel – Tools made from chrome steel are suitable for manual use for threading of iron, light alloys, untreated steel and steel heat-treated at low hardness. They are widely used for cleaning and repairing damaged threads in all professional jobs in general, and in the automotive sector in particular.

Hard metal – Material with high wear resistance, used for plates in masonry drill bits.

118° sharpening – Standard sharpening angle of twist drills for metal, allowing quick drilling into metals, for easier centring and excellent heat dissipation.

130° sharpening – Wide sharpening angle, providing more precision in early drilling operations and requiring less drilling force.

Double 115°/135° sharpening – Combined benefits of the two angles, plus chip breaking function; the best choice for long chip materials.

SDS-Plus – Quick, safe tang for hammer drills.

410

twist drills with cylindrical shanks, short series HSS, rolled

$R \leq 650 N/mm^2$
 $HV \sim 750-820$



DIN 338 ISO 235

\emptyset mm	L mm	L1 mm		
0,50	22	6	10	004100030
1,00	34	12	10	004100040
1,25	38	16	10	004100043
1,50	40	18	10	004100046
1,75	46	22	10	004100049
2,00	49	24	10	004100052
2,25	53	27	10	004100055
2,50	57	30	10	004100058
2,75	61	33	10	004100061
3,00	61	33	10	004100064
3,20	65	36	10	004100066
3,25	65	36	10	004100067
3,50	70	39	10	004100070
3,75	70	39	10	004100073
4,00	75	43	10	004100076
4,20	75	43	10	004100078
4,25	75	43	10	004100079
4,50	80	47	10	004100082
4,75	80	47	10	004100085
5,00	86	52	10	004100088
5,25	86	52	10	004100091
5,50	93	57	10	004100094
5,75	93	57	10	004100097
6,00	93	57	10	004100100
6,25	101	63	10	004100103
6,50	101	63	10	004100106
6,75	109	69	10	004100109
7,00	109	69	10	004100112
7,50	109	69	10	004100118
8,00	117	75	10	004100124
8,50	117	75	10	004100130
9,00	125	81	5	004100136
9,50	125	81	5	004100142
10,00	133	87	5	004100148
10,50	133	87	5	004100172
11,00	142	94	5	004100184
11,50	142	94	5	004100196
12,00	151	101	5	004100210
12,50	151	101	5	004100222
13,00	151	101	5	004100234
14,00	160	108	5	004100242
15,00	169	114	5	004100250
16,00	178	120	5	004100258
17,00	184	125	3	004100262
18,00	191	130	3	004100266
19,00	198	135	3	004100270
20,00	205	140	3	004100274



410/SP19	$\emptyset 1 \times 10 \times 0,5$ mm	1	004100419
410/SPVP1		1	004100421
410/SP25	$\emptyset 1 \times 13 \times 0,5$ mm	1	004100425
410/SPVP2		1	004100427



410/SEL19
 $\varnothing 1 \div 10 \times 0,5 \text{ mm}$

1 004100418

410MIX/SEL19

set of 13 twist drills, item 410,
 and 6 twist drills with hard metal insets



410MIX/SEL19

1 004100417



$\varnothing 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4$
 $4,5 - 5 - 5,5 - 6 - 8 - 10 \text{ mm}$

$\varnothing 4 - 5 - 6 - 8 - 9 - 10 \text{ mm}$

410A

twist drills with cylindrical shanks,
 short series, HSS, rolled,
 with small tang

$R \leq 650 \text{ N/mm}^2$
 $HV \sim 750 \div 820$



DIN 338 ISO 235

\varnothing mm	L mm	L1 mm	
13,50	160	108	5 004100281
14,00	160	108	5 004100283
14,50	169	114	5 004100285
15,00	169	114	5 004100287
15,50	178	120	5 004100289
16,00	178	120	5 004100291
16,50	184	125	3 004100292
17,00	184	125	3 004100293
17,50	191	130	3 004100294
18,00	191	130	3 004100295
18,50	198	135	3 004100296
19,00	198	135	3 004100297
19,50	205	140	3 004100298
20,00	205	140	3 004100299

410AS

twist drills with cylindrical shanks,
 short series, HSS,
 rolled,
 in inches

$R \leq 650 \text{ N/mm}^2$
 $HV \sim 750 \div 820$



ANSI B94

\varnothing "	L mm	L1 mm	
1/16	48	22	10 004100371
5/64	51	25	10 004100372
3/32	57	32	10 004100373
7/64	67	38	10 004100374
1/8	70	41	10 004100375
9/64	73	44	10 004100376
5/32	79	51	10 004100377
11/64	83	54	10 004100378
3/16	89	59	10 004100379
13/64	92	62	10 004100380
7/32	95	64	10 004100381
15/64	98	67	10 004100382
1/4	102	70	10 004100383
17/64	105	73	10 004100384
9/32	108	75	10 004100385
19/64	111	78	10 004100386
5/16	114	81	10 004100387
21/64	117	84	10 004100388
11/32	121	87	5 004100389
23/64	124	89	5 004100390
3/8	127	92	5 004100391



410AS/SP21

$\varnothing 1/16 - 5/64 - 3/32 - 7/64$
 $1/8 - 9/64 - 5/32 - 11/64 - 3/16$
 $13/64 - 7/32 - 15/64 - 1/4$
 $17/64 - 9/32 - 19/64 - 5/16$
 $21/64 - 11/32 - 23/64 - 3/8$

410AS/SPV1

1 004100429

1 004100430



410AS/SEL21

$\varnothing 1/16 - 5/64 - 3/32 - 7/64$
 $1/8 - 9/64 - 5/32 - 11/64 - 3/16$
 $13/64 - 7/32 - 15/64 - 1/4$
 $17/64 - 9/32 - 19/64 - 5/16$
 $21/64 - 11/32 - 23/64 - 3/8$

1 004100433

412

twist drills with cylindrical shanks,
 short series HSS entirely ground glossy
 finishing

$R \leq 800 \text{ N/mm}^2$
 $HV \sim 750 \div 820$



DIN 338 ISO 235

\varnothing mm	L mm	L1 mm	
0,50	22	6	10 004120030
1,00	34	12	10 004120040
1,25	38	16	10 004120043
1,50	40	18	10 004120046
1,75	46	22	10 004120049
2,00	49	24	10 004120052
2,25	53	27	10 004120055
2,50	57	30	10 004120058
2,75	61	33	10 004120061
3,00	61	33	10 004120064
3,25	65	36	10 004120067
3,50	70	39	10 004120070
3,75	70	39	10 004120073
4,00	75	43	10 004120076
4,25	75	43	10 004120079
4,50	80	47	10 004120082
4,75	80	47	10 004120085
5,00	86	52	10 004120088
5,25	86	52	10 004120091
5,50	93	57	10 004120094
5,75	93	57	10 004120097
6,00	93	57	10 004120100
6,25	101	63	10 004120103
6,50	101	63	10 004120106
6,75	109	69	10 004120109
7,00	109	69	10 004120112
7,25	109	69	5 004120115
7,50	109	69	5 004120118
7,75	117	75	5 004120121
8,00	117	75	5 004120124
8,25	117	75	5 004120127
8,50	117	75	5 004120130
8,75	125	81	5 004120133
9,00	125	81	5 004120136
9,25	125	81	5 004120139
9,50	125	81	5 004120142
9,75	133	87	5 004120145
10,00	133	87	5 004120148
10,25	133	87	5 004120149
10,50	133	87	5 004120150
10,75	142	94	5 004120151
11,00	142	94	5 004120152
11,25	142	94	5 004120153
11,50	142	94	5 004120154
11,75	142	94	5 004120155
12,00	151	101	5 004120156
12,25	151	101	5 004120157
12,50	151	101	5 004120158
12,75	151	101	5 004120159
13,00	151	101	5 004120160



412/SP19

$\varnothing 1 \div 10 \times 0,5 \text{ mm}$

1 004120419

410/SPVP1

1 004100421

412/SP25

$\varnothing 1 \div 13 \times 0,5 \text{ mm}$

1 004120425

410/SPVP2

1 004100427

412/SP49

$\varnothing 1 \div 13 \times 0,25 \text{ mm}$

1 004120449

412/SPV4

1 004120451



412/C150



412/C150 1 004120450

412	Ø 3 mm	n.
	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	10
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 - 8,5 - 9 - 9,5 - 10 mm	5

365x230x47 mm - 3,3 kg



412/SP91 1 004120452

Ø 1=10 x 0,10 mm

412A

twist drills with cylindrical shanks, short series, HSS, entirely ground, burnished, with small tang

R ≤ 800 N/mm²
HV ~ 750÷820



DIN 338 ISO 235

Ø mm	L mm	L1 mm	n.
13,50	160	108	3
14,00	160	108	3
14,50	169	114	3
15,00	169	114	3
15,50	178	120	3
16,00	178	120	3
16,50	184	125	1
17,00	184	125	1
17,50	191	130	1
18,00	191	130	1
18,50	198	135	1
19,00	198	135	1
19,50	205	140	1
20,00	205	140	1

412C

twist drills with cylindrical shanks, extra-short series, HSS, entirely ground, burnished

R ≤ 800 N/mm²
HV ~ 750÷820



DIN 1897 ISO 235

Ø mm	L mm	L1 mm	n.
3,00	46	16	10
3,25	49	18	10
3,50	52	20	10
4,00	55	22	10
4,50	58	24	10
5,00	62	26	10
5,50	66	28	10
6,00	66	28	10
6,5	70	31	10
7,00	74	34	10
7,5	74	34	5
8,00	79	37	5

412L

twist drills with cylindrical shanks, long series, HSS entirely ground burnished

R ≤ 800 N/mm²
HV ~ 750÷820



DIN 340

Ø mm	L mm	L1 mm	n.
2,00	85	56	10
2,50	95	62	10
3,00	100	66	10
3,50	112	73	10
4,00	119	78	10
4,50	126	82	10
5,00	132	87	10
5,50	139	91	10
6,00	139	91	10
6,50	148	97	5
7,00	156	102	5
8,00	165	109	5
9,00	175	115	5
10,00	184	121	5

412XL

twist drills with cylindrical shanks, extra-long series, HSS, entirely ground

R ≤ 800 N/mm²
HV ~ 750÷820



DIN 1869/1

Ø mm	L mm	L1 mm	n.
3,00	150	100	1
3,50	165	115	1
4,00	175	120	1
4,50	185	125	1
5,00	195	135	1
5,50	205	140	1
6,00	205	140	1

Ø mm	L mm	L1 mm	n.
6,50	215	150	1
7,00	225	155	1
7,50	225	155	1
8,00	240	165	1
8,50	240	165	1
9,00	250	175	1
9,50	250	175	1
10,00	265	185	1
10,50	265	185	1
11,00	280	195	1
12,00	295	205	1
13,00	295	205	1

414

twist drills with cylindrical shanks, short series, HSS-TiN entirely ground

R ≤ 900 N/mm²
HV 0,05 ~ 2500



DIN 338 ISO 235

Ø mm	L mm	L1 mm	n.
1,00	34	12	10
1,25	38	16	10
1,50	40	18	10
1,75	46	22	10
2,00	49	24	10
2,25	53	27	10
2,50	57	30	10
2,75	61	33	10
3,00	61	33	10
3,25	65	36	10
3,50	70	39	10
3,75	70	39	10
4,00	75	43	10
4,25	75	43	10
4,50	80	47	10
4,75	80	47	10
5,00	86	52	10
5,25	86	52	10
5,50	93	57	10
5,75	93	57	10
6,00	93	57	10
6,25	101	63	10
6,50	101	63	10
6,75	109	69	10
7,00	109	69	10
7,25	109	69	5
7,50	109	69	5
7,75	117	75	5
8,00	117	75	5
8,25	117	75	5
8,50	117	75	5
8,75	125	81	5
9,00	125	81	5
9,25	125	81	5
9,50	125	81	5
9,75	133	87	5
10,00	133	87	5
10,50	133	87	5
11,00	142	94	5
11,50	142	94	5
12,00	151	101	5
12,50	151	101	5
13,00	151	101	5





414/SP19	1	004140419
Ø 1÷10 x 0,5 mm		
410/SPVP1	1	004100421
414/SP25	1	004140425
Ø 1÷13 x 0,5 mm		
410/SPVP2	1	004100427
414/SP49	1	004140429
Ø 1÷13 x 0,25 mm		
414/SPV4	1	004140430

414/C116



414/C116	1	004140450
----------	---	-----------

414	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	n.
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 mm	10
	Ø 8,5 - 9 - 9,5 - 10 mm	3

365x230x47 mm - 2,7 Kg

415

twist drills with cylindrical shanks, short series, HSS-CO 8% entirely ground

R ≤ 1400 N/mm²
HV ~ 850+920



DIN 338 ISO 235

Ø mm	L mm	L1 mm		
0,50	22	6	10	004150029
1,00	34	12	10	004150040
1,25	38	16	10	004150043
1,50	40	18	10	004150046
1,75	46	22	10	004150049
2,00	49	24	10	004150052
2,25	53	27	10	004150055
2,50	57	30	10	004150058
2,75	61	33	10	004150061
3,00	61	33	10	004150064
3,25	65	36	10	004150067
3,50	70	39	10	004150070
3,75	70	39	10	004150073
4,00	75	43	10	004150076
4,25	75	43	10	004150079
4,50	80	47	10	004150082
4,75	80	47	10	004150085
5,00	86	52	10	004150088

Ø mm	L mm	L1 mm		
5,25	86	52	10	004150091
5,50	93	57	10	004150094
5,75	93	57	10	004150097
6,00	93	57	10	004150100
6,25	101	63	10	004150103
6,50	101	63	10	004150106
6,75	109	69	10	004150109
7,00	109	69	10	004150112
7,25	109	69	5	004150115
7,50	109	69	5	004150118
7,75	117	75	5	004150121
8,00	117	75	5	004150124
8,25	117	75	5	004150127
8,50	117	75	5	004150130
8,75	125	81	5	004150133
9,00	125	81	5	004150136
9,25	125	81	5	004150139
9,50	125	81	5	004150142
9,75	133	87	5	004150145
10,00	133	87	5	004150148
10,25	133	87	5	004150149
10,50	133	87	5	004150150
10,75	142	94	5	004150151
11,00	142	94	5	004150152
11,25	142	94	5	004150153
11,50	142	94	5	004150154
11,75	142	94	5	004150155
12,00	151	101	5	004150156
12,25	151	101	5	004150157
12,50	151	101	5	004150158
12,75	151	101	5	004150159
13,00	151	101	5	004150160
14,00	160	108	3	004150164
15,00	169	114	3	004150168
16,00	178	120	3	004150172
17,00	186	125	1	004150174
18,00	194	130	1	004150176
19,00	202	135	1	004150178
20,00	210	140	1	004150180



Co8%

415/SP19	1	004150419
Ø 1÷10 x 0,5 mm		
410/SPVP1	1	004100421
415/SP25	1	004150425
Ø 1÷13 x 0,5 mm		
410/SPVP2	1	004100427
415/SP49	1	004150431
Ø 1÷13 x 0,25 mm		
415/SPV4	1	004150432

415/C116



415/C116	1	004150450
----------	---	-----------

415	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	n.
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 mm	10
	Ø 8,5 - 9 - 9,5 - 10 mm	2

365x230x47 mm - 2,7 kg



415/SP91	1	004150460
Ø 1÷10 x 0,10 mm		

415CO

twist drills with cylindrical shanks, short series, HSS-CO 5%, entirely ground

R ≤ 1200 N/mm²
HV ~ 800+860



DIN 338 ISO 235

Ø mm	L mm	L1 mm		
1,00	34	12	10	004150310
1,50	40	18	10	004150312
2,00	49	24	10	004150314
2,50	57	30	10	004150316
3,00	61	33	10	004150320
3,50	70	39	10	004150322
4,00	75	43	10	004150324
4,50	80	47	10	004150326
5,00	86	52	10	004150328
5,50	93	57	10	004150330
6,00	93	57	10	004150332
6,50	101	63	10	004150334
7,00	109	69	10	004150336
7,50	109	69	5	004150338
8,00	117	75	5	004150340
8,50	117	75	5	004150342
9,00	125	81	5	004150344
9,50	125	81	5	004150346
10,00	133	87	5	004150348
10,50	133	87	5	004150350
11,00	142	94	5	004150352
11,50	142	94	5	004150354
12,00	151	101	5	004150356
12,50	151	101	5	004150358
13,00	151	101	5	004150360

415CO-A

twist drills with cylindrical shanks, short series, HSS-CO 5%, entirely ground

R ≤ 1200 N/mm²
HV ~ 800+860



DIN 338

Ø mm	L mm	L1 mm		
14,00	160	108	3	004150364
15,00	169	114	3	004150366
16,00	178	120	3	004150368
17,00	184	125	1	004150370
18,00	191	130	1	004150372
19,00	198	135	1	004150374
20,00	205	140	1	004150376



Co5%

DIN 338

415CO/SP19 1 004150421
 Ø 1÷10 x 0,5 mm
 410/SPVP1 1 004100421

415C

twist drills with cylindrical shanks, extra-short series, HSS-CO 5%, entirely ground
 R ≤ 1200 N/mm²
 HV ~ 800÷860



DIN 1897 ISO 235

Ø mm	L mm	L1 mm	
3,00	46	16	10 004150288
3,25	49	18	10 004150289
3,50	52	20	10 004150290
4,00	55	22	10 004150292
4,50	58	24	10 004150294
5,00	62	26	10 004150296
5,50	66	28	10 004150298
6,00	66	28	10 004150300
6,50	70	31	10 004150301
7,00	74	34	10 004150302
7,50	74	34	5 004150303
8,00	79	37	5 004150304

415L

twist drills with cylindrical shanks, long series, HSS-CO 5%, entirely ground

R ≤ 1200 N/mm²
 HV ~ 800÷860



DIN 340

Ø mm	L mm	L1 mm	
3,00	100	66	10 004150236
3,50	112	73	10 004150238
4,00	119	78	10 004150240
4,50	126	82	10 004150242
5,00	132	87	10 004150244
5,50	139	91	10 004150246
6,00	139	91	10 004150248
6,50	148	97	5 004150250
7,00	156	102	5 004150252
8,00	165	109	5 004150256
9,00	175	115	5 004150260
10,00	184	121	5 004150264

416

drill with cylindrical shank, HSS-G, specially ground, with two cutter pairs
 R ≤ 900 N/mm²
 HV ~ 820÷850

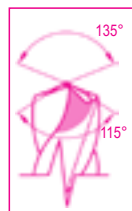


HIGHER CUTTING CAPACITY



DIN 338

Ø mm	L mm	L1 mm	
1,00	34	12	10 004160010
1,50	40	18	10 004160015
2,00	49	24	10 004160020
2,50	57	30	10 004160025
3,00	61	33	10 004160030
3,50	70	39	10 004160035
4,00	75	43	10 004160040
4,50	80	47	10 004160045
5,00	86	52	10 004160050
5,50	93	57	10 004160055
6,00	93	57	10 004160060
6,50	101	63	10 004160065
7,00	109	69	10 004160070
7,50	109	69	5 004160075
8,00	117	75	5 004160080
8,50	117	75	5 004160085
9,00	125	81	5 004160090
9,50	125	81	5 004160095
10,00	133	87	5 004160100



416/SP19 1 004160419
 Ø 1÷10 x 0,5 mm
 410/SPVP1 1 004100421

417

helical cylindrical masonry drill bits, short series, made from milled steel with hard metal plates



DIN 8039

Ø mm	L mm	
3	70	10 004170003
4	75	10 004170004
5	85	10 004170005
5L	150	5 004170105
6	100	10 004170007
6L	150	5 004170106
7	120	10 004170009
8	120	10 004170010
8L	200	5 004170113
9	120	10 004170011
10	120	10 004170012
10L	200	5 004170120
12	150	10 004170014
12L	200	5 004170125
14	150	5 004170016
16	150	5 004170018



417/SP8 1 004170100
 Ø 3-4-5-6-8-9-10-12 mm

419

hammer drill bits with milled shanks and hard metal plates
 HVA~ 1650



DIN 8039

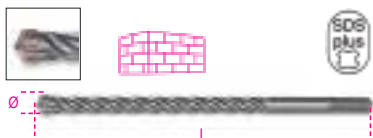
Ø mm	L mm	
4	110	10 004190002
5	110	10 004190004
5	160	10 004190006
6	110	10 004190012
6	160	10 004190014
6	210	10 004190016
7	160	10 004190028
8	110	10 004190030
8	160	10 004190032
8	210	10 004190034
8	260	10 004190036
8	310	10 004190038
8	460	10 004190042
9	160	5 004190044
10	160	5 004190050
10	210	5 004190052
10	260	5 004190054
10	310	5 004190056
10	460	5 004190060
12	160	5 004190064
12	210	5 004190066
12	260	5 004190068
12	460	5 004190074
14	160	3 004190086
14	260	3 004190090
14	310	3 004190092
14	460	3 004190096
16	210	3 004190112
16	250	3 004190114
16	300	3 004190116
16	450	3 004190120
18	250	1 004190124
20	310	1 004190128



419T

hammer drill bits
with milled shanks, 4 spirals and 4 cutters

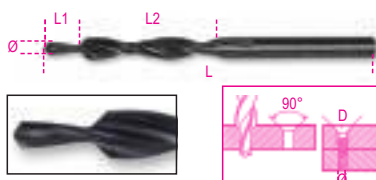
HVA~ 1650



Ø mm	L mm		
5	110	5	004190604
5	160	5	004190606
6	110	5	004190612
6	160	5	004190614
6	210	5	004190616
7	160	5	004190628
8	110	5	004190630
8	160	5	004190632
8	210	5	004190634
8	260	5	004190636
8	310	5	004190638
9	160	3	004190644
10	160	3	004190650
10	210	3	004190652
10	260	3	004190654
10	310	3	004190656
10	460	3	004190660
12	160	3	004190664
12	210	3	004190666
12	260	3	004190668
12	460	3	004190674
14	160	2	004190686
14	260	2	004190690
14	310	2	004190692
14	460	2	004190696
16	210	2	004190712
16	260	2	004190714
16	310	2	004190716
16	460	2	004190720
18	260	1	004190724
20	310	1	004190728

420A

subland twist drills with independent spirals,
for screw holes, 90°,
HSS,
for through holes

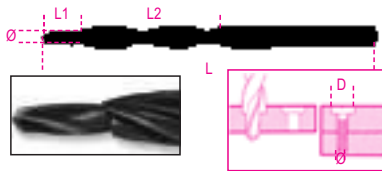


DIN 8374

M	Ø mm	D mm	L1 mm	L2 mm	L mm		
3	3,2	6	9,00	57,00	93,00	1	004200003
4	4,3	8	11,00	75,00	117,00	1	004200004
5	5,3	10	13,00	87,00	133,00	1	004200005
6	6,4	11,5	15,00	94,00	142,00	1	004200006
8	8,4	15	19,00	114,00	169,00	1	004200008
10	10,5	19	23,00	135,00	198,00	1	004200010

420B

subland twist drills with independent spirals for
screw holes, 180°,
HSS,
for through holes



DIN 8376

M	Ø mm	D mm	L1 mm	L2 mm	L mm		
3	3,4	6	9,00	57,00	93,00	1	004200053
4	4,5	8	11,00	75,00	117,00	1	004200054
5	5,5	10	13,00	87,00	133,00	1	004200055
6	6,6	11	15,00	94,00	142,00	1	004200056
8	9	15	19,00	114,00	169,00	1	004200058
10	11	18	23,00	130,00	191,00	1	004200060

421

countersinks with guide pins,
fine grade,
made of HSS



DIN 373

M	L mm	Ø mm	D1 mm	D mm		
3	71	6	3,2	5	1	004210003
4	71	8	4,3	5	1	004210004
5	80	10	5,3	8	1	004210005
6	80	11	6,4	8	1	004210006
8	100	15	8,4	12,5	1	004210008
10	100	18	10,5	12,5	1	004210010
12	100	20	13,0	12,5	1	004210012



421/SP6	1	004210019
M 3-4-5-6-8-10		
421/SPV	1	004210020

422

ground centre drill bits,
60° countersink angle,
made of HSS

• For quick, safe centre holes



DIN 333/A

Ø mm	D mm	L mm		
1,60	4,0	35,5	1	004220116
2,50	6,3	45,0	1	004220125
3,15	8,0	50,0	1	004220131

423

special end mills for welding
HSS ground



Ø mm	L mm		
6	66	5	004230006
7	74	5	004230007
8	79	5	004230008
10	89	5	004230010

423A

special mills for spot welding,
HSS ground



DIN 1412/E

Ø mm	L mm		
6,5	40	1	004230015
8,0	40	1	004230020

424

conical drill bits, HSS



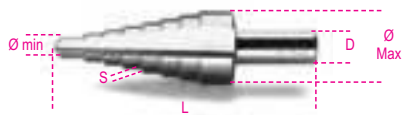
	L mm	Ø mm	D mm		
424/1	58	3÷14	6	2	004240001
424/2	63	6÷20	8	2	004240002
424/3	60	16÷30	10	2	004240003
424/4	80	3÷22	8	1	004240004
424/5	102	3÷31	10	1	004240005
424/6	86	26÷40	13	1	004240006
424/7	89	36÷50	13	1	004240007
424/8	90	40÷61	13	1	004240008



424/SP3	1	004240019
424/1+424/2+424/3		
Ø 3÷30 mm		
424/SPV	1	004240020

425

stepped drills, HSS



	L	Ø	S	D		
	mm	mm	mm	mm		
425/1	70	4+12	1	6	2	004250010
425/2	55	4+12	2	6	2	004250012
425/3	85	4+20	2	10	2	004250015
425/4	85	12+20	1	10	1	004250016
425/5	97	20+30	1	10	1	004250017
425/6	75	4+30	2	10	1	004250020
425/7	97	30+40	1	13	1	004250025
425/8	100	40+50	1	13	1	004250029



425/SP3 1 004250030

425/1+425/3+425/6
Ø 4+30 mm

425/SPV 1 004250035

426

countersinking cutters
with three cutters,
HSS



DIN 335-C

GR	Ø	L	Ø1		
	mm	mm	mm		
1	4,3	44	4	3	004260001
2	5,3	44	4	3	004260002
3	6,3	44	5	3	004260003
4	7,3	44	6	3	004260004
5	8,3	50	6	3	004260005
6	9,4	50	6	3	004260006
7	10,4	54	6	3	004260007
8	12,4	54	8	3	004260008
9	15,0	56	10	3	004260009
10	16,5	60	10	3	004260010
11	20,5	63	10	3	004260011
12	25,0	66	10	3	004260012
13	28,0	71	12	3	004260013
14	31,0	71	12	3	004260014



DIN 335-C

426/SP6 1 004260030

GR 3-5-7-8-10-11
Ø 6,3+20,5 mm

426/SPV 1 004260035

426T

countersinking cutters
with three cutters,
HSS + TiN



DIN 335-C

GR	Ø	L	Ø1		
	mm	mm	mm		
1	4,3	44	4	3	004260061
2	5,3	44	4	3	004260062
3	6,3	44	5	3	004260063
4	7,3	44	6	3	004260064
5	8,3	50	6	3	004260065
6	9,4	50	6	3	004260066
7	10,4	54	6	3	004260067
8	12,4	54	8	3	004260068
9	15,0	56	10	3	004260069
10	16,5	60	10	3	004260070
11	20,5	63	10	3	004260071
12	25,0	66	10	3	004260072
13	28,0	71	12	3	004260073
14	31,0	71	12	3	004260074



DIN 335-C

426T/SP6 1 004260080

GR 3-5-7-8-10-11
Ø 6,3+20,5 mm

426/SPV 1 004260035

426SB

countersinking cutters, HSS



GR	Ø	D	L		
	mm	mm	mm		
426/SB1	1	2+5	6	45	1 004260101
426/SB2	2	5+10	8	48	1 004260102
426/SB3	3	10+15	10	65	1 004260103
426/SB4	4	15+20	12	85	1 004260104
426/SB5	5	20+25	15	102	1 004260105
426/SB6	6	25+30	15	115	1 004260106



426SB/SP4 1 004260130

426/SB1-426/SB2
426/SB3-426/SB4

Ø 2+20 mm
426SB/SPV1 1 004260135

426MD-3/CP3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L	Ø		
mm	mm		
38,1	3	1	004260332

426MD-3/CT3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L	Ø		
mm	mm		
37,8	3	1	004260333

426MD-3/F3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L	Ø		
mm	mm		
38,3	3	1	004260334

426MD-3/FA3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L	Ø		
mm	mm		
38,2	3	1	004260339

426MD-3/OG3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L	Ø		
mm	mm		
38,1	3	1	004260337

426MD-3/OV3

mini rotary cutters made from hard metal

- Smooth cross cut with chip breaker



L mm	Ø mm		
38,2	3	1	004260331

426MD-3/S3

mini rotary cutters made from hard metal

- Smooth cross cut with chip breaker



L mm	Ø mm		
38,0	3	1	004260338

426MD-3/T3

mini rotary cutters made from hard metal

- Smooth cross cut with chip breaker



L mm	Ø mm		
38,3	3	1	004260336

426MD-3/TA3

mini rotary cutters made from hard metal

- Smooth cross cut with chip breaker



L mm	Ø mm		
38,3	3	1	004260335

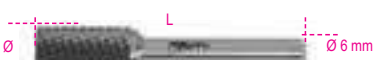


426MD-3/A9			
426MD-3/OV3 - 426MD-3/CP3		1	004260349
426MD-3/CT3 - 426MD-3/F3			
426MD-3/TA3 - 426MD-3/T3			
426MD-3/OG3 - 426MD-3/S3			
426MD-3/FA3			

426MD/CP

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm		
50	6	1	004260532
63	8	1	004260512
63	9,5	1	004260542
69	12	1	004260522
69	16	1	004260552

426MD/CT

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm		
50	6	1	004260533
63	8	1	004260513
63	9,5	1	004260543
69	12	1	004260523
69	16	1	004260553

426MD/F

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm		
50	6	1	004260534
63	8	1	004260514
63	9,5	1	004260544
69	12	1	004260524
69	16	1	004260554

426MD/FA

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm		
50	6	1	004260539
63	8	1	004260519
63	9,5	1	004260549
69	12	1	004260529
69	16	1	004260559

426MD/OG

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm		
50	6	1	004260537
63	8	1	004260517
70	10	1	004260547
76	12	1	004260527
81	16	1	004260557

426MD/OV

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm		
50	6	1	004260531
61	9,5	1	004260541
67	12	1	004260521
69	16	1	004260551

426MD/S

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm		
50	6	1	004260538
51	8	1	004260518
53	9,5	1	004260548
56	12	1	004260528
59	16	1	004260558

426MD/T

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm		
50	6	1	004260536
63	8	1	004260516
63	9,5	1	004260546
69	12	1	004260526
70	16	1	004260556

426MD/TA

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm		
50	6	1	004260535
67	8	1	004260515
72	9,5	1	004260545
73	12	1	004260525
78	16	1	004260555



426MD/SP10			
426MD/CP-426MD/CT-426MD/F		1	004260510
426MD/T-426MD/S			
Ø 8-12 mm			

427

morse taper extractors

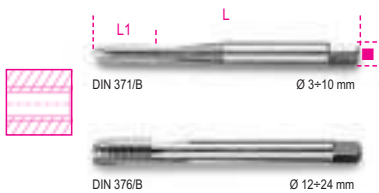


DIN 317

GR	L mm	A mm		
0	92	13	3	004270000
1-2	140	19	3	004270002
3	190	25	3	004270003
4	225	30	3	004270004
5-6	260	35	3	004270006

428FP

machine taps for clearance holes,
coarse pitch threads, HSS



ISO 529

M	■ mm	L mm	L1 mm		
3x0,5	2,7	56	11	10	004280003
4x0,7	3,4	63	13	10	004280004
5x0,8	4,9	70	16	10	004280005
6x1	4,9	80	19	10	004280006
8x1,25	6,2	90	22	10	004280008
10x1,5	8,0	100	24	10	004280010
12x1,75	7,0	110	29	5	004280012
14x2	9,0	110	30	5	004280014
16x2	9,0	110	30	5	004280016
18x2,5	11,0	125	34	3	004280018
20x2,5	12,0	140	34	3	004280020
22x2,5	14,5	140	34	3	004280022
24x3	14,5	160	38	3	004280024

428FC

machine taps for blind holes,
coarse pitch threads, HSS



ISO 529

M	■ mm	L mm	L1 mm		
3x0,5	2,7	56	11	10	004280103
4x0,7	3,4	63	13	10	004280104
5x0,8	4,9	70	16	10	004280105
6x1	4,9	80	19	10	004280106
8x1,25	6,2	90	22	10	004280108
10x1,5	8,0	100	24	10	004280110
12x1,75	7,0	110	29	5	004280112
14x2	9,0	110	30	5	004280114
16x2	9,0	110	30	5	004280116
18x2,5	11,0	125	34	3	004280118
20x2,5	12,0	140	34	3	004280120
22x2,5	14,5	140	34	3	004280122
24x3	14,5	160	38	3	004280124

428/C14

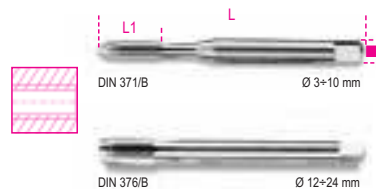
assortment of 14 machine taps
items 428FP + 428FC



428/C14	1	004280201
428FP M3÷12		
428FC M3÷12		
428/SPV	1	004280202

429FP

machine taps for clearance holes,
coarse pitch threads HSS-CO 5%

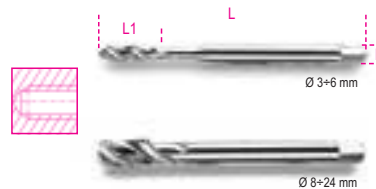


ISO 529

M	■ mm	L mm	L1 mm		
3x0,5	2,7	56	11	5	004290003
4x0,7	3,4	63	13	5	004290004
5x0,8	4,9	70	16	5	004290005
6x1	4,9	80	19	5	004290006
8x1,25	6,2	90	22	5	004290008
10x1,5	8,0	100	24	5	004290010
12x1,75	7,0	110	29	5	004290012
14x2	9,0	110	30	5	004290014

429FC

machine taps for blind holes,
coarse pitch threads HSS-CO 5%



ISO 529

M	■ mm	L mm	L1 mm		
3x0,5	2,7	56	11	5	004290103
4x0,7	3,4	63	13	5	004290104
5x0,8	4,9	70	16	5	004290105
6x1	4,9	80	19	5	004290106
8x1,25	6,2	90	22	5	004290108
10x1,5	8,0	100	24	5	004290110
12x1,75	7,0	110	29	5	004290112
14x2	9,0	110	30	5	004290114

429/C14

assortment of 14 machine taps
items 429FP + 429FC



429/C14	1	004290201
429FP M3÷12		
429FC M3÷12		
428/SPV	1	004280202

430

hand taps, **coarse pitch**, metric thread
made from chrome-steel



DIN 352 UNI 4535

M	■ mm	L mm	L1 mm		
2x0,4	2,5	36	11	5	004300002
3x0,5	2,5	40	12	5	004300003
4x0,7	3,0	45	14	5	004300004
5x0,8	4,0	48	16	5	004300005
6x1	5,0	50	18	5	004300006
7x1	4,5	50	18	5	004300007
8x1,25	5,0	56	22	3	004300008
9x1,25	5,5	63	22	3	004300009
10x1,5	6,0	70	25	3	004300010
11x1,5	7,0	70	25	3	004300011
12x1,75	7,0	75	30	3	004300012
14x2	8,0	80	32	3	004300014
16x2	10,0	80	32	3	004300016
18x2,5	11,0	95	40	1	004300018
20x2,5	12,0	95	40	1	004300020
22x2,5	14,5	100	40	1	004300022
24x3	14,5	110	50	1	004300024



430/SP21	1	004300201
M 3-4-5-6-8-10-12		
430/SPV	1	004300202

430ASW

hand taps, Whitworth thread
made from chrome-steel



DIN 352

BSW	mm	L	L1		
1/8x40	2,7	40	12	5	004300031
5/32x32	3,4	45	14	5	004300032
3/16x24	4,3	48	18	5	004300033
1/4x20	4,9	50	22	5	004300034
5/16x18	4,9	56	25	3	004300035
3/8x16	5,5	70	28	3	004300036
7/16x14	6,2	70	30	3	004300037
1/2x12	7,0	75	32	3	004300038
9/16x12	9,0	80	32	1	004300039
5/8x11	9,0	80	38	1	004300040
3/4x10	11,0	95	40	1	004300041
7/8x9	14,5	100	40	1	004300042
1"x8	16,0	110	50	1	004300043

430ASC

hand taps, UNC thread
made from chrome-steel

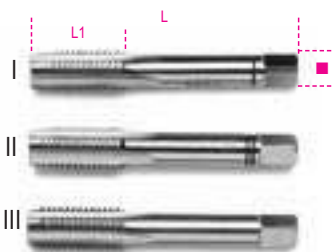


ANSI B1.1

UNC	mm	L	L1		
1/4x20	4,9	70	30	5	004300051
5/16x18	4,9	70	30	5	004300052
3/8x16	5,5	75	35	3	004300053
7/16x14	6,2	80	40	3	004300054
1/2x13	7,0	85	45	3	004300055
9/16x12	9,0	90	45	3	004300056
5/8x11	9,0	100	47	3	004300057
3/4x10	11,0	110	50	3	004300058
7/8x9	14,5	120	60	1	004300059
1"x8	16,0	130	60	1	004300060

431

hand taps, coarse pitch,
metric thread HSS



DIN 352 UNI 4535

M	mm	L	L1		
3x0,5	2,5	40	12	5	004310003
4x0,7	3,0	45	14	5	004310004
5x0,8	4,0	48	16	5	004310005
6x1	5,0	50	18	5	004310006

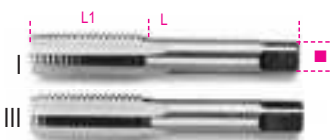
M	mm	L	L1		
7x1	5,0	50	18	5	004310007
8x1,25	5,0	56	22	3	004310008
10x1,5	6,0	70	25	3	004310010
12x1,75	7,0	75	30	3	004310012
14x2	9,0	80	32	1	004310014
16x2	9,0	80	32	1	004310016
18x2,5	11,0	95	40	1	004310018
20x2,5	12,0	95	40	1	004310020
22x2,5	12,0	100	40	1	004310022
24x3	14,5	110	50	1	004310024



431/SP21	1	004310201
M 3-4-5-6-8-10-12		
431/SPV	1	004310202

433

hand taps, fine pitch, metric thread
made from chrome-steel



DIN 2181 UNI 4535

M	mm	L	L1		
6x0,75	4,5	48	16	5	004330201
7x0,75	4,5	56	18	5	004330202
8x0,75	5,0	50	16	5	004330203
8x1	5,0	56	16	5	004330204
9x0,75	6,0	63	22	5	004330205
9x1	6,0	63	22	5	004330206
10x0,75	6,5	63	18	5	004330207
10x1	6,5	63	18	5	004330208
10x1,25	6,5	63	18	5	004330209
11x0,75	7,0	70	25	3	004330210
11x1	7,0	70	25	3	004330211
11x1,25	7,0	70	25	3	004330212
12x0,75	7,0	70	20	3	004330213
12x1	7,0	70	20	3	004330214
12x1,25	7,0	70	20	3	004330215
12x1,5	7,0	70	20	3	004330216
14x1	8,0	80	32	1	004330217
14x1,25	8,0	80	32	1	004330218
14x1,5	8,0	80	32	1	004330219
16x1	10,0	80	32	1	004330220
16x1,5	10,0	80	32	1	004330221
18x1,5	11,0	95	40	1	004330222
18x2	11,0	80	25	1	004330223
20x1,5	14,5	80	22	1	004330224
22x1,5	14,5	80	22	1	004330225
24x1,5	14,5	80	22	1	004330226
24x2	14,5	80	22	1	004330227



433ASF

hand taps, fine pitch, UNF thread
made from chrome-steel

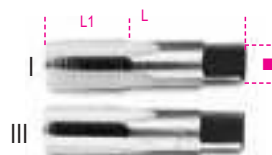


ANSI B1.1

UNF	mm	L	L1		
1/4x28	4,9	70	30	5	004330301
5/16x24	4,9	70	30	5	004330302
3/8x24	5,5	75	35	3	004330303
7/16x20	6,2	80	40	3	004330304
1/2x20	7,0	85	45	3	004330305
9/16x18	9,0	90	45	3	004330306
5/8x18	9,0	100	47	3	004330307
3/4x16	11,0	110	50	3	004330308
7/8x14	14,5	120	60	1	004330309
1"x12	16,0	130	60	1	004330310

433ASG

hand taps, cylindrical GAS (BSP) thread
made from chrome-steel

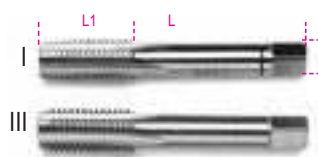


DIN 5157

GAS	mm	L	L1		
1/8x28	5,5	65	18	1	004330401
1/4x19	9,0	70	24	1	004330402
3/8x19	9,0	75	25	1	004330403
1/2x14	12,0	80	31	1	004330405
3/4x14	16,0	90	33	1	004330408
1"x11	20,0	100	39	1	004330410

434

hand taps, fine pitch, metric thread HSS



DIN 2181 UNI 4535

M	mm	L	L1		
6x0,75	4,5	48	16	5	004340001
8x0,75	5,0	56	16	5	004340003
8x1	5,0	56	16	5	004340004
10x0,75	6,5	63	18	5	004340007
10x1	6,5	63	18	5	004340008
10x1,25	6,5	63	18	5	004340009
12x1	7,0	70	20	3	004340014
12x1,25	7,0	70	20	3	004340015
12x1,5	7,0	70	20	3	004340016
13x1,5	9,0	70	20	1	004340017
14x1	9,0	70	20	1	004340018
14x1,25	9,0	70	20	1	004340019
14x1,5	9,0	70	20	1	004340020
15x1,5	9,0	70	20	1	004340021
16x1	9,0	70	20	1	004340022
16x1,5	9,0	70	20	1	004340023
18x1,5	11,0	80	22	1	004340024
18x2	11,0	90	25	1	004340025
20x1,25	12,0	80	22	1	004340026
20x1,5	12,0	80	22	1	004340027
20x2	12,0	90	25	1	004340028
22x1,5	14,5	80	22	1	004340029
24x1	14,5	80	22	1	004340030
24x1,5	14,5	80	22	1	004340031
24x2	14,5	80	22	1	004340032

435

adjustable tap wrenches, steel body



DIN 1814

	□ mm	L mm		
435/0	2÷5 M1÷M8	170	3	004350007
435/1	2÷6 M1÷M10	200	2	004350009
435/1,5	2,5÷6 M1÷M12	200	2	004350011
435/2	3÷7 M4÷M12	260	2	004350013
435/3	4÷12 M5÷M20	345	1	004350020
435/4	5,5÷16 M9÷M27	430	1	004350027
435/5	7÷18 M13÷M32	770	1	004350032

435G

adjustable tap wrenches, light alloy body

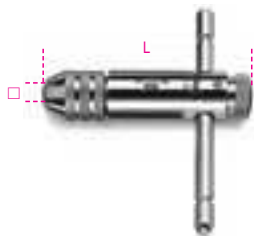


DIN 1814

	□ mm	L mm		
435G/0	2÷5 M1÷M8	130	5	004350108
435G/1	2÷6 M1÷M10	190	5	004350110
435G/1,5	2÷7 M2÷M12	175	5	004350112
435G/2	3,4÷7 M4÷M12	280	5	004350114
435G/3	4,9÷12 M5÷M20	380	2	004350121
435G/4	7÷16 M11÷M27	500	2	004350127
435G/5	7÷18 M13÷M32	700	1	004350132
435G/6	11÷24 M18÷M42	800	1	004350142

436

reversible ratcheting tap wrenches



	□ mm	L mm		
436/1	2÷5 M3÷M8	85	5	004360002
436/2	4,6÷8 M5÷M12	110	5	004360004

436L

reversible ratcheting tap wrenches, long series



	□ mm	L mm		
436L/1	2÷5 M3÷M8	245	2	004360012
436L/2	4,6÷8 M5÷M12	295	2	004360014

436R

spare clamps for items 436 and 436L

436R/1	1	004360022
436R/2	1	004360024

437P

thread dresser, for repairing internal and external, right-hand and left-hand threads

P 0.80÷3.00 mm



L mm		
230	1	004370003

437C

set for repairing damaged spark plug threads, M14x1.25 mm

• Helicoids height: 8.40 - 12.40 - 16.40 mm (5 pcs/size)



437C	1	004370100
------	---	-----------

437C/...

stainless steel helicoids for item 437C



H mm		
8.4	1	004370108
12.4	1	004370112
16.4	1	004370116

The prices shown are for 10 pieces

437C/RM14

male thread for spark plugs M14x1.25



437C/RM14	1	004370124
-----------	---	-----------

437K/8

tool assortment for repairing axle shaft threads

- Allows original thread to be rectified and dressed.
- Kit contents:
- Metric sizes: 20x1.25 - 20x1.5 - 22x1.00 - 22x1.5 - 24x1.5 - 24x2.00
- Inch sizes: 3/4x20 - 13/16x20



437K/8	1	004370020
--------	---	-----------

200x110x30 mm

437K/9

tool assortment for repairing male and female threads, wheel fixing screws

allows original thread to be rectified and dressed

- Kit contents:
- Taps: M12x1.25 - M12x1.5 - M12x1.75 - M14x1.5
- Dies: M12x1.25 - M12x1.5 - M14x1.5



437K/9	1	004370029
--------	---	-----------

161x123x50 mm

437K/10

assortment for repairing damaged threads on oxygen sensors M18x1.5

Kit contents:

- 1 pilot reamer M18
- 1 tap M18x1.5
- 1 tap M20x1.5
- 5 threaded bushes M18x1.5
- 1 bushing tool



⊙ 13 - 27 mm

437K/10 1 004370030

210x105x40 mm

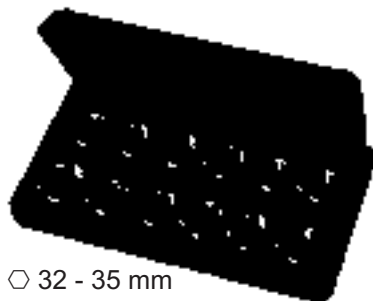
437K/12

tool assortment for repairing axle shaft threads

allows original thread to be rectified and dressed

Kit contents:

- Metric sizes: M16x1.0 - M16x1.5 - M20x1.0 - M20x1.5 - M22x1.5 - M24x1.5 - M24x2.0 - M27x2.0
- Inch sizes: 3/4x16 - 3/4x20 - 13/16x20 - 27/32x20



⊙ 32 - 35 mm

437K/12 1 004370032

220x118x52 mm

437K/16

tool assortment for repairing damaged threads on brake caliper brackets M9x1.25



437K/16 1 004370016

210x150x50 mm

437K/33

tool assortment for repairing damaged spark plug threads

Bushes:

M8x1.0 - M10x1.0 - M10x1.25 - M12x1.25

Taps:

M8x1.0 - M10x1.0 - M10x1.25 - M12x1.0 - M12x1.25 - M14x1.25



437K/33 1 004370133

210x150x50 mm

437U/09

assortment for repairing damaged threads M5-M6-M8-M10-M12



25 x M5, M6, M8, M10
10 x M12

437U/09 1 004370550

M5X0,8

M6X1,0

M8X1,25

M10X1,5

M12X1,75

370x230x55 mm - 2 Kg

437U/E-M...

stainless steel helicoids



	H mm	
M5	7.5	1 004370555
M6	9	1 004370556
M8	12	1 004370558
M10	15	1 004370560
M12	18	1 004370562

Prices refer to 25 pieces (10 for size M12)

437U/PM

bits and taps for item 437U/09



M5	1 004370565
M6	1 004370566
M8	1 004370568
M10	1 004370570
M12	1 004370572

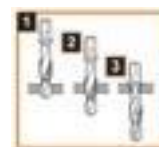
438A

set of bits for drilling, threading and countersinking; HSS

- M3 - M4 - M5 - M6 - M8 - M10
- With magnetic bit holder



1/4" S MAX mm = Ø mm



438A 1 004380010

438...

bits for drilling, threading and countersinking

HSS, 1/4" drive

1/4"



	S max mm	
M3	3	2 004380103
M4	4	2 004380104
M5	5	2 004380105
M6	6	2 004380106
M8	8	2 004380108
M10	10	2 004380110

440

round dies, coarse pitch, metric thread made from chrome-steel

R ≤ 600 N/mm²
HRC ~ 60±61



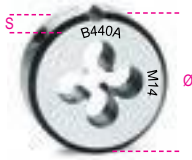
UNI 4535
DIN 223

M	Ø x S mm	
2x0,4	25,4 x 9	5 004400002
3x0,5	25,4 x 9	5 004400003
4x0,7	25,4 x 9	5 004400004
5x0,8	25,4 x 9	5 004400005
6x1	25,4 x 9	5 004400006
7x1	25,4 x 9	5 004400007
8x1,25	25,4 x 9	5 004400008
9x1,25	25,4 x 9	5 004400009
10x1,5	25,4 x 9	5 004400010
12x1,75	25,4 x 9	5 004400012

440A

round dies, **coarse pitch**,
metric thread made from chrome-steel

R ≤ 600 N/mm²
HRC ~ 60+61



UNI 4535
DIN 223

M	Ø x S mm		
10x1,5	38,1 x 14	3	004400110
11x1,5	38,1 x 14	3	004400111
12x1,75	38,1 x 14	3	004400112
14x2	38,1 x 14	3	004400114
16x2	38,1 x 14	3	004400116
18x2,5	38,1 x 14	3	004400118
20x2,5	38,1 x 14	3	004400120

440B

round dies, **coarse pitch**,
metric thread made from chrome-steel

R ≤ 600 N/mm²
HRC ~ 60+61



UNI 4535
DIN 223

M	Ø x S mm		
18x2,5	50,8 x 16	3	004400122
20x2,5	50,8 x 16	3	004400124
22x2,5	50,8 x 16	3	004400126
24x3	50,8 x 16	3	004400128

440ASW

round dies, **Whitworth** thread
made from chrome-steel

R ≤ 600 N/mm²



UNI EN 22568
DIN 223

BSW	Ø x S mm		
1/8x40	25,4 x 9	5	004400201
5/32x32	25,4 x 9	5	004400202
3/16x24	25,4 x 9	5	004400203
1/4x20	25,4 x 9	5	004400204
5/16x18	25,4 x 9	5	004400205
3/8x16	38,1 x 14	3	004400206
7/16x14	38,1 x 14	3	004400207
1/2x12	38,1 x 14	3	004400208
9/16x12	38,1 x 14	3	004400209
5/8x11	50,8 x 16	3	004400210
3/4x10	50,8 x 16	3	004400211
7/8x9	50,8 x 16	3	004400212
1"x8	50,8 x 16	3	004400213

440ASC

round dies, **coarse pitch**,
UNC thread made from chrome-steel

R ≤ 600 N/mm²



UNI EN 22568
DIN 223

UNC	Ø x S mm		
1/4x20	25,4 x 9	5	004400221
5/16x18	25,4 x 9	5	004400222
3/8x16	38,1 x 14	3	004400223
7/16x14	38,1 x 14	3	004400224
1/2x13	38,1 x 14	3	004400225
9/16x12	38,1 x 14	3	004400226
5/8x11	50,8 x 16	3	004400227
3/4x10	50,8 x 16	3	004400228
7/8x9	50,8 x 16	3	004400229
1"x8	50,8 x 16	3	004400230

440ASF

round dies, **fine pitch**,
UNF thread made from chrome-steel



UNI EN 2258
DIN 223

UNF	Ø x S mm		
1/4x28	25,4 x 9	5	004400241
5/16x24	25,4 x 9	5	004400242
3/8x24	38,1 x 14	3	004400243
7/16x20	38,1 x 14	3	004400244
1/2x20	38,1 x 14	3	004400245
9/16x18	38,1 x 14	3	004400246
5/8x18	50,8 x 16	3	004400247
3/4x16	50,8 x 16	3	004400248
7/8x14	50,8 x 16	3	004400249
1"x12	50,8 x 16	3	004400250

440ASG

round dies, cylindrical **GAS** (BSP) thread
made from chrome-steel

R ≤ 600 N/mm²



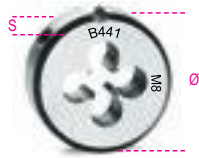
UNI EN 24231
DIN 223

GAS	Ø x S mm		
1/8x28	38,1 x 14	3	004400255
1/4x19	38,1 x 14	3	004400256
3/8x19	38,1 x 14	3	004400257
1/2x14	50,8 x 16	3	004400259
3/4x14	50,8 x 16	3	004400260
1"x11	63,5 x 19	3	004400261

441

round dies, **fine pitch**, metric thread
made from chrome-steel

R ≤ 600 N/mm²
HRC ~ 60+61



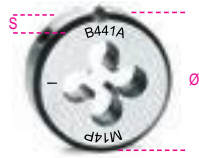
UNI 4535
DIN 223

M	Ø x S mm		
6x0,75	25,4 x 9	5	004410004
7x0,75	25,4 x 9	5	004410005
8x0,75	25,4 x 9	5	004410006
8x1	25,4 x 9	5	004410007
9x0,75	25,4 x 9	5	004410008
9x1	25,4 x 9	5	004410009

441A

round dies, **fine pitch**, metric thread
made from chrome-steel

R ≤ 600 N/mm²
HRC ~ 60+61



UNI 4535
DIN 223

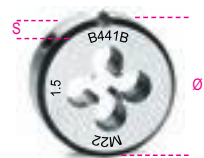
M	Ø x S mm		
10x0,75	38,1 x 14	3	004410100
10x1	38,1 x 14	3	004410101
10x1,25	38,1 x 14	3	004410102
11x0,75	38,1 x 14	3	004410103
11x1	38,1 x 14	3	004410104
11x1,25	38,1 x 14	3	004410105
12x0,75	38,1 x 14	3	004410106
12x1	38,1 x 14	3	004410107
12x1,25	38,1 x 14	3	004410108
12x1,5	38,1 x 14	3	004410109
14x1	38,1 x 14	3	004410110
14x1,25	38,1 x 14	3	004410111
14x1,5	38,1 x 14	3	004410112
16x1	38,1 x 14	3	004410113
16x1,5	38,1 x 14	3	004410114
18x1,5	38,1 x 14	3	004410115



441B

round dies, **fine pitch**, metric thread
made from chrome-steel

R ≤ 600 N/mm²
HRC ~ 60±61



UNI 4535
DIN 223

M	Ø x S mm		
18x1,5	50,8 x 16	3	004410117
18x2	50,8 x 16	3	004410118
20x1,5	50,8 x 16	3	004410119
22x1,5	50,8 x 16	3	004410120
24x1,5	50,8 x 16	3	004410121
24x2	50,8 x 16	3	004410122

442

round dies, **coarse pitch**, metric thread HSS

HRC ~ 62±63
AISI M2



UNI EN 22568
DIN 223

M	ØxS mm		
3x0,5	20x5	3	004420003
4x0,7	20x5	3	004420004
5x0,8	20x7	3	004420005
6x1	20x7	3	004420006
7x1	25x9	3	004420007
8x1,25	25x9	3	004420008
10x1,5	30x11	3	004420010
12x1,75	38x14	3	004420012
14x2	38x14	1	004420014
16x2	45x18	1	004420016
18x2,5	45x18	1	004420018
20x2,5	45x18	1	004420020

443

round dies, **fine pitch**, metric thread HSS

HRC ~ 62±63
AISI M2



UNI EN 22568
DIN 223

M	ØxS mm		
6x0,75	20x7	1	004430107
8x0,75	25x9	1	004430110
8x1	25x9	1	004430111
10x0,75	30x11	1	004430113
10x1	30x11	1	004430114
10x1,25	30x11	1	004430115
12x1	38x10	1	004430116
12x1,25	38x10	1	004430117
12x1,5	38x10	1	004430118
13x1,5	38x10	1	004430119
14x1	38x10	1	004430120

M	ØxS mm		
14x1,25	38x10	1	004430121
14x1,5	38x10	1	004430122
15x1,5	38x10	1	004430123
16x1	45x14	1	004430124
16x1,5	45x14	1	004430125
18x1,5	45x14	1	004430127
20x1,25	45x14	1	004430129
20x1,5	45x14	1	004430130
20x2	45x14	1	004430131
22x1,5	55x16	1	004430132
24x1	55x16	1	004430133
24x1,5	55x16	1	004430135
24x2	55x16	1	004430136

444

die stocks, steel body



EN 22568
DIN 225

	Ø mm	L mm		
444	20x5	190	5	004440005
444/0	20x7	190	5	004440007
444/1	25,4x9,5	210	5	004440025
444/1A	25x9	215	5	004440027
444/1B	30x11	250	5	004440030
444/C	38x10	310	3	004440033
444/1C	38x14	310	3	004440035
444/2	38,1x12,7	300	3	004440038
444/1D	45x14	445	1	004440045
444/2D	45x18	445	1	004440046
444/3	50,8x15,9	520	1	004440050
444/4	55x16	495	1	004440055
444/5A	63,5x19	520	1	004440057

444G

die stocks, light alloy body



UNI EN 22568
DIN 225

	Ø mm	L mm		
444G/A	16x5	160	5	004440103
444G	20x5	185	5	004440105
444G/0	20x7	185	5	004440107
444G/1	25,4x9,5	215	5	004440125
444G/1A	25x9	215	5	004440127
444G/1B	30x11	265	5	004440130
444G/C	38x10	315	3	004440133
444G/1C	38x14	315	3	004440135
444G/2	38,1x12,6	310	3	004440138
444G/1D	45x14	450	1	004440145
444G/2D	45x18	450	1	004440146
444G/3	50,8x16	485	1	004440150
444G/4	55x16	560	1	004440155
444G/5A	63,5x19	630	1	004440163
444G/6	65x18	630	1	004440165



446/C30

assortment of chrome-steel taps
and dies, metric thread,
and accessories in wooden case



446/C30

1 004460055

325x220x35 mm - 3,2 Kg

430 M mm	440 M mm		
3x0,5	3x0,5	435/1,5	444/1
4x0,7	4x0,7		
5x0,8	5x0,8		
6x1	6x1		
8x1,25	8x1,25		
10x1,5	10x1,5		
12x1,75	12x1,75		

446/C48

assortment of chrome-steel taps
and dies, metric thread,
and accessories in wooden case



446/C48

1 004460057

580x300x50 mm - 5 Kg

430 M mm	440 M mm	440A M mm		
3x0,5	3x0,5	10x1,5	435/1	444/1
4x0,7	4x0,7	12x1,75	435/3	444/2
5x0,8	5x0,8	14x2		
6x1	6x1	16x2		
8x1,25	8x1,25	18x2,5		
10x1,5		20x2,5		
12x1,75				
14x2				
16x2				
18x2,5				
20x2,5				

446/C110

assortment of chrome-steel taps and dies, metric thread, and accessories for car repair jobs in wooden case



446/C110 1 004460060

500x337x60 mm - 8,1 Kg

430		433		440/440A, 441/441A	
M	M	M	M	M	M
mm	mm	mm	mm	mm	mm
2x0,4	6x0,75	2x0,4	6x0,75		
3x0,5	7x0,75	3x0,5	7x0,75		
4x0,7	8x0,75	4x0,7	8x0,75		
5x0,8	8x1	5x0,8	8x1		
6x1	9x0,75	6x1	9x0,75		
7x1	9x1	7x1	9x1		
8x1,25	10x0,75	8x1,25	10x0,75		
9x1,25	10x1	9x1,25	10x1		
10x1,5	10x1,25	10x1,5	10x1,25		
11x1,5	11x0,75	11x1,5	11x0,75		
12x1,75	11x1	12x1,75	11x1		
14x2	11x1,25	14x2	11x1,25		
16x2	12x0,75	16x2	12x0,75		
	12x1		12x1		
	12x1,25		12x1,25		
	12x1,5		12x1,5		
	14x1		14x1		
	14x1,25		14x1,25		
	14x1,5		14x1,5		
	16x1		16x1		
	16x1,5		16x1,5		
	18x1,5		18x1,5		

435/0	444/1	436/1
435/3	444/2	

446ASF/C29

assortment of chrome-steel taps and dies, **UNF** thread, and accessories in wooden case



446ASF/C29 1 004460070

660x410x50 mm - 6 Kg

433ASF	440ASF		
1/4	1/4	435/1,5	444/1
5/16	5/16	435/3	444/2
3/8	3/8		444/3
7/16	7/16		
1/2	1/2		
9/16	9/16		
5/8	5/8		
3/4	3/4		

446ASW/C36

assortment of chrome-steel taps and dies, **Whitworth** thread, and accessories in wooden case



446ASW/C36 1 004460075

525x310x50 mm - 3,4 Kg

430ASW	440ASW		
1/8	1/8	435/1,5	444/1
5/32	5/32	435/2	444/2
3/16	3/16		
1/4	1/4		
5/16	5/16		
3/8	3/8		
7/16	7/16		
1/2	1/2		

446ASC/C37

assortment of chrome-steel taps and dies, **UNC** thread, and accessories in wooden case



446ASC/C37 1 004460080

660x410x50 mm - 6,7 Kg

430ASC	440ASC		
1/4	1/4	435/1,5	444/1
5/16	5/16	435/3	444/2
3/8	3/8		444/3
7/16	7/16		
1/2	1/2		
9/16	9/16		
5/8	5/8		
3/4	3/4		

446ASG/C23

assortment of chrome-steel taps and dies, cylindrical **GAS** thread, and accessories in wooden case



446ASG/C23 1 004460085

700x430x70 mm - 9,8 Kg

433ASG	440ASG		
1/8	1/8	435/3	444/2
1/4	1/4	435/5	444/3
3/8	3/8		444/5A
1/2	1/2		
3/4	3/4		
1"	1"		



447/C37

assortment of HSS taps and dies, metric thread, and accessories in metal case



447/C37 1 004470055

380x185x35 mm - 3,9 Kg

431 M mm	442 M mm		
3x0,5	3x0,5	435/0	444
4x0,7	4x0,7	435/2	444/0
5x0,8	5x0,8		444/1A
6x1	6x1		444/1B
8x1,25	8x1,25		444/1C
10x1,5	10x1,5		
12x1,75	12x1,75		



436/1 0,5x3x75

447/C53

assortment of HSS taps and dies, metric thread, and accessories in metal case



447/C53 1 004470060

500x235x50 mm - 9 Kg

431 M mm	442 M mm			
3x0,5	3x0,5	435/1,5	444	436/1
4x0,7	4x0,7	435/3	444/0	436/2
5x0,8	5x0,8		444/1A	
6x1	6x1		444/1B	
8x1,25	8x1,25		444/1C	
10x1,5	10x1,5		444/2D	
12x1,75	12x1,75			
14x2	14x2			
16x2	16x2			
18x2,5	18x2,5			
20x2,5	20x2,5			

447/C70

assortment of HSS taps and dies, metric thread, and accessories for car repair jobs industrial maintenance in wooden case



447/C70 1 004470065

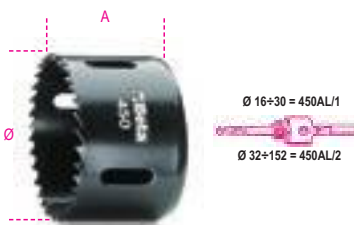
510x340x70 mm - 7,5 Kg

431 M mm	434 M mm	442 M mm	443 M mm
3x0,5	8x1	3x0,5	8x1
4x0,7	10x1,25	4x0,7	10x1,25
5x0,8	12x1,25	5x0,8	12x1,25
6x1	12x1,5	6x1	12x1,5
7x1	14x1,25	7x1	14x1,25
8x1,25	14x1,5	8x1,25	14x1,5
10x1,5	16x1,5	10x1,5	16x1,5
12x1,75		12x1,75	
14x2		14x2	
16x2		16x2	

435/0	444	436/1
435/3	444/0	
	444/1A	
	444/1B	
	444/C	
	444/1C	
	444/1D	
	444/2D	

450

holesaws HSS, Bimetal



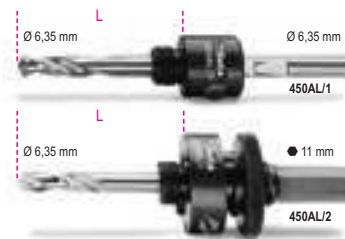
HSS-Co 8%

Ø mm	Ø	A mm	
16	(5/8)	57	1 004500016
17	(11/16)	57	1 004500017
19	(3/4)	51	1 004500019
20	-	51	1 004500020
21	(13/16)	51	1 004500021
22	(7/8)	51	1 004500022
24	(15/16)	51	1 004500024
25	(1")	51	1 004500025
27	(1"1/16)	51	1 004500027
29	(1"1/8)	51	1 004500029
30	(1"3/16)	51	1 004500030
32	(1"1/4)	51	1 004500032
33	(1"5/16)	51	1 004500033
35	(1"3/8)	51	1 004500035

Ø mm	Ø	A mm	
37	(1"7/16)	51	1 004500037
38	(1"1/2)	44	1 004500038
40	(1"9/16)	44	1 004500040
41	(1"5/8)	44	1 004500041
43	(1"11/16)	44	1 004500043
44	(1"3/4)	44	1 004500044
46	(1"13/16)	44	1 004500046
48	(1"7/8)	44	1 004500048
51	(2")	44	1 004500051
52	(2"1/16)	44	1 004500052
54	(2"1/8)	44	1 004500054
57	(2"1/4)	44	1 004500057
59	(2"5/16)	44	1 004500059
60	(2"3/8)	44	1 004500060
64	(2"1/2)	44	1 004500064
65	(2"9/16)	44	1 004500065
67	(2"5/8)	44	1 004500067
68	-	44	1 004500068
70	(2"3/4)	44	1 004500070
73	(2"7/8)	44	1 004500073
76	(3")	44	1 004500076
79	(3"1/8)	44	1 004500079
83	(3"1/4)	44	1 004500083
86	(3"3/8)	44	1 004500086
89	(3"1/2)	44	1 004500089
92	(3"5/8)	44	1 004500092
95	(3"3/4)	44	1 004500095
98	(3"7/8)	44	1 004500098
102	(4")	44	1 004500102
105	(4"1/8)	44	1 004500105
108	(4"1/4)	44	1 004500108
111	(4"3/8)	44	1 004500111
114	(4"1/2)	44	1 004500114
121	(4"3/4)	44	1 004500121
127	(5")	44	1 004500127
140	(5"1/2)	44	1 004500140
152	(6")	44	1 004500152

450AL

arbors for holesaws



	Ø mm	L mm	
450AL/1	16+30	54	1 004500210
450AL/2	32+152	70	1 004500215

450AD

adaptors for arbors item 450AL/1



	Ø mm	
450AD	32+51	1 004500230



450PA/1

pilot drills for arbors item 450AL/1, HSS



ØxL
mm
6,35x105

1 004500252

450PA/2

pilot drills for arbors item 450AL/2, HSS



ØxL
mm
6,35x80

1 004500253

450PR

extension for holesaws



L
mm
305

1 004500255

450/C9

assortment of holesaws and accessories for electricians



HSS-Co 8%

450/C9

1 004500305

450 Ø 22 - 29 - 35 - 44 - 51 - 64 mm
450AL /1 - /2
450AD

220x160x60 mm - 1,6 Kg

450/C13

assortment of holesaws and accessories for installers



HSS-Co 8%

450/C13

1 004500310

450 Ø 19 - 22 - 29 - 35 - 38
44 - 51 - 57 - 64 mm
450AL /1 - /2
450PA/1
450AD

215x180x65 mm - 1,8 Kg

450/C15

assortment of holesaws and accessories for electricians



450/C15

1 004500313

450 Ø 16 - 20 - 25 - 32 - 40
51 - 60 - 65 - 70 mm
450AL /1 - /2
450PA /1 - /2
450PR
450AD

420x185x60 mm - 3,2 Kg

450/C21

assortment of holesaws and accessories for industrial use



HSS-Co 8%

450/C21

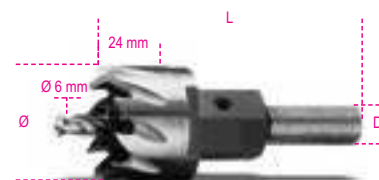
1 004500315

450 Ø 19 - 22 - 29 - 35 - 38
44 - 51 - 57 - 64 - 76
83 - 92 - 95 - 105 - 114 mm
450AL /1 - /2
450PA /1 - /2
450PR
450AD

420x280x60 mm - 7 Kg

451

hole cutters HSS, entirely ground



Ø mm	L mm	D mm	
12	85	8	1 004510012
13	85	8	1 004510013
14	85	8	1 004510014
15	85	10	1 004510015
16	85	10	1 004510016
17	85	10	1 004510017
18	85	10	1 004510018
19	85	10	1 004510019
20	85	10	1 004510020
21	85	10	1 004510021
22	85	10	1 004510022
23	85	10	1 004510023
24	85	10	1 004510024
25	85	10	1 004510025
26	90	10	1 004510026
27	90	10	1 004510027
28	90	10	1 004510028
29	90	10	1 004510029
30	90	10	1 004510030
31	90	10	1 004510031
32	90	10	1 004510032
33	90	10	1 004510033
34	90	10	1 004510034
35	90	10	1 004510035
36	85	10	1 004510036
37	85	10	1 004510037
38	85	10	1 004510038
39	85	10	1 004510039
40	85	10	1 004510040
41	85	10	1 004510041
42	85	10	1 004510042
43	85	10	1 004510043
44	85	10	1 004510044
45	85	10	1 004510045
46	85	10	1 004510046
47	85	10	1 004510047
48	85	10	1 004510048
49	85	10	1 004510049
50	85	10	1 004510050

451GA

arbors for hole cutters item 451



M	Ø mm	L mm	D mm		
10x1,25	12÷14	57	8	1	004510101
12x1,25	15÷34	57	10	1	004510102
14x1,5	35÷50	57	10	1	004510105

451PA

pilot drill for hole cutters item 451
HSS



Ø mm	L mm		
6	53	1	004510103

451PR

extension for hole cutters item 451

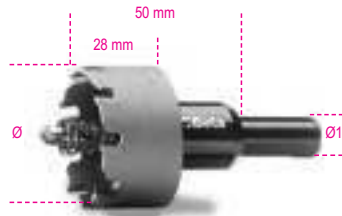


M	Ø mm	L mm	Ø1 mm		
12x1,25	15÷34	400	13	1	004510104
14x1,5	35÷50	400	13	1	004510108



452

hole cutters with hard metal insets



Ø mm	Ø1 mm		
15	10	1	004520015
16	10	1	004520016
17	10	1	004520017
18	10	1	004520018
19	10	1	004520019
20	10	1	004520020
21	10	1	004520021
22	10	1	004520022
23	10	1	004520023
24	10	1	004520024
25	10	1	004520025
26	10	1	004520026
27	10	1	004520027
28	10	1	004520028
29	10	1	004520029
30	10	1	004520030
31	10	1	004520031
32	10	1	004520032
33	10	1	004520033
34	10	1	004520034
35	10	1	004520035
36	10	1	004520036
37	10	1	004520037
38	10	1	004520038
39	13	1	004520039
40	13	1	004520040
41	13	1	004520041
42	13	1	004520042
43	13	1	004520043
44	13	1	004520044
45	13	1	004520045
46	13	1	004520046
47	13	1	004520047
48	13	1	004520048
49	13	1	004520049
50	13	1	004520050
55	13	1	004520055
60	13	1	004520060
65	13	1	004520065
70	13	1	004520070
75	13	1	004520075
80	13	1	004520080
85	13	1	004520085
90	13	1	004520090

452GA

arbors for hole cutters item 452



	Ø mm		
452GA/1	15÷21	1	004520125
452GA/2	22÷38	1	004520126
452GA/3	39÷100	1	004520127

460

hole cutters for building materials

- For concrete, cement, natural and artificial stones
- Maximum drilling depth: 60 mm



Ø mm	L mm	Z		
50	75	6	1	004600050
60	75	6	1	004600060
65	75	6	1	004600065
80	75	6	1	004600080
90	75	6	1	004600090
100	75	8	1	004600100
112	75	8	1	004600112
125	80	10	1	004600125
150	80	12	1	004600150

460PP

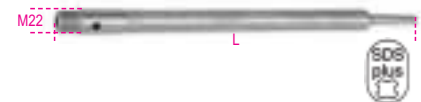
pilot drill for hole cutters for building materials
460



Ø mm	L mm		
8	120	1	004600201

460G

shanks for hole cutters 460



L mm			
220	1	004600222	
370	1	004600237	
460	1	004600246	



TORQUE MULTIPLIERS

Torque multipliers are essential tools for tightening nuts and screws, as they allow a higher torque than the operator would normally apply to be generated, in small or hardly accessible spaces. They do not require bulky extensions, thereby ensuring total safety.

Beta's range of torque multipliers provides a variety of solutions and capacities **up to 9500 Nm**, and torque multiplication ratios up to 135:1. Many models – especially the most powerful ones – are fitted with a two-way anti-wind up system, to prevent dangerous tension returns onto the operator. Each of Beta's torque multipliers comes with a **certificate** proving that the tool was tested at the maximum value under optimal operating conditions.

Operating instructions

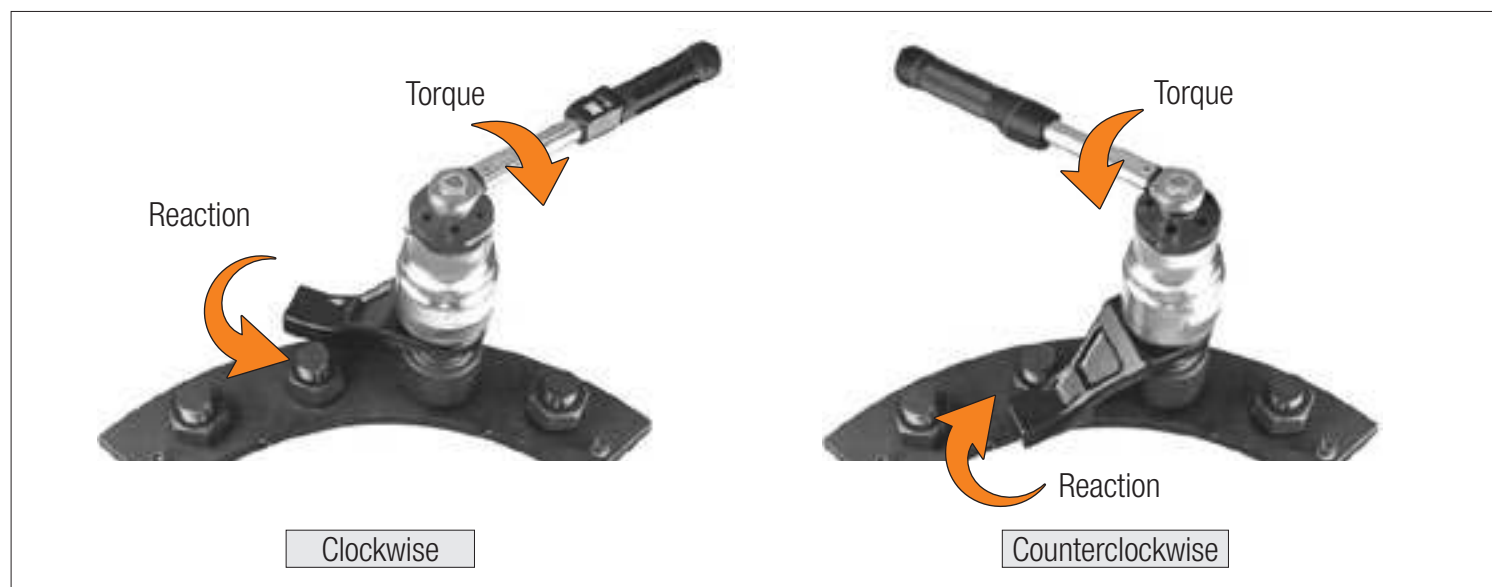
The torque multiplier **must be used with a torque wrench** to ensure control of the output torque; in addition, it must always be used with **impact sockets**.

The ratios of each torque multiplier determine the **multiplication factor** between the input torque and the output torque. Example: torque multiplier with 5:1 ratio. Applying an input torque of 100 Nm, as set on the torque wrench, will result in an output torque of 500 Nm as transmitted to the nut or screw.

However, make sure that all the parts involved in tightening are properly aligned.

Avoid using **extensions**, as these would twist, thereby producing a spring effect which would modify the applied torque values.

Always check that the **reaction arm** of the torque multiplier has been fixed to, or rests on, a sturdy structure, capable of withstanding the reaction force. As a rule, adequately rigid walls or screws near to the one that must be worked on are used. The reaction arm always rotates in the **opposite** direction to the tightening direction.



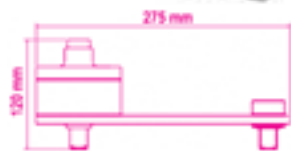
Operate smoothly and uninterruptedly.

Tightening tension must be released by rotating the torque multiplier in the other direction, before disengaging it; if the torque multiplier is fitted with an anti-wind up system, tightening tension must be released through the reversal lever.

The above instructions also apply to **unscrewing** operations.

560/C3

torque multiplier for right-hand and left-hand tightening, in plastic case, ratio 3.8:1, with anti-wind up system

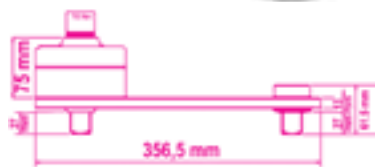


Nm	kgfm	lbf.ft	□	■	kg
1500	150	1110	1/2"	3/4"	3,9

560/C3 1 005600030
 ≡ 400x260x110 mm

560/C3PLUS

torque multiplier for right-hand and left-hand tightening, in plastic case, ratio 3.8:1, with anti-wind up system



Nm	kgfm	lbf.ft	□	■	kg
2700	270	1991	3/4"	1"	7,5

560/C3PLUS 1 005600038
 ≡ 470x240x160 mm

560/C2

torque multiplier for right-/left-hand tightening and accessories ratio 5:1 in plastic case for intensive use



Nm	Kgfm	lbf.ft	□	■	kg
1300	130	960	1/2	3/4	3,8

560/C2 1 005600020
560/2 1 005600002
560/18 1 005600018
560/19 1 005600019
560/22 1 005600022
 ≡ 310x275x120 mm

560/C4+

torque multiplier for right/left-hand and accessories ratio 5:1 with reaction foot for intensive use



Nm	Kgfm	lbf.ft	□	■	kg
2700	270	2000	3/4	1"	5

560/C4PLUS 1 005600042
560/4 1 005600004
560/18 1 005600018
560/22 1 005600022
 ≡ 310x275x120 mm

560/C6

torque multipliers for right-hand and left-hand tightening in plastic case ratio: 6.5:1



Nm	kgfm	lbf.ft	□	■	kg
1500	150	1106	1/2"	3/4"	6

560/C6 1 005600160
 ≡ 400x260x110 mm

560/C12

torque multipliers for right-hand and left-hand tightening in plastic case ratio: 12:1

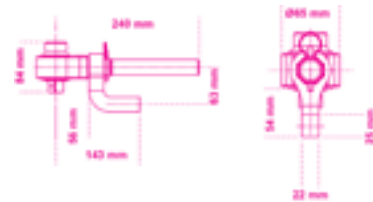


Nm	kgfm	lbf.ft	□	■	kg
2500	250	1844	1/2"	1"	7

560/C12 1 005600210
 ≡ 400x260x110 mm

561/1

torque multiplier for right-hand and left-hand tightening, ratio 5:1, with two reaction feet



Nm	kgfm	lbf.ft	□	■	kg
1000	100	740	1/2	3/4	2,7

561/1 1 005610010
 ≡ 270x210x70 mm

562-1/VA - 562-2/VA

torque multipliers for right-hand and left-hand tightening

ratio 5,2:1

in case 562VV-A



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
1700	170	1250	3/4	1"	108	95	85	220	8,8

562-1/VA 1 005620601

Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
3400	340	2500	3/4	1"	119	115	85	265	10,5

562-2/VA 1 005620602

564-3R/V - 564-4R/V

torque multipliers for right-/left-hand tightening

ratio 25:1

with anti-wind up system,

in case



Nm	Kgfm	lbf.ft	□	■	D	A	L	⚖
4000	400	3000	1/2	1"	92	185	205	7,6

564-3R/V 1 005640613

390x310x145 mm

Nm	Kgfm	lbf.ft	□	■	D	A	L	⚖
7000	700	5000	1/2	1 1/2"	120	200	210	13,2

564-4R/V 1 005640614

500x435x170 mm

565-1R/VA - 565-2R/VA - 565-3R/VA

torque multipliers for right-hand and left-hand tightening

ratio 27:1

with anti-wind up system,

in case 562VV-A



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
1700	170	1250	1/2	1"	108	125	80	215	11,2

565-1R/VA 1 005650611

Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
3400	340	2500	1/2	1"	119	145	85	265	13,6

565-2R/VA 1 005650612

Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
3400	340	2500	1/2	1 1/2"	119	145	85	265	14,2

565-3R/VA 1 005650613

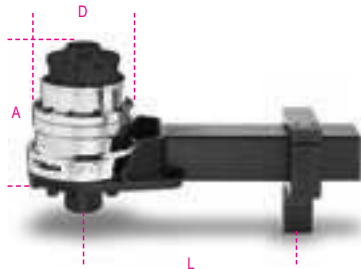
565-4R/VB

torque multiplier for right-hand and left-hand tightening

ratio 27:1

with anti-wind up system,

in case 565VV-B



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
6000	600	4500	1/2	1 1/2"	144	180	125	335	22,4

565-4R/VB 1 005650614

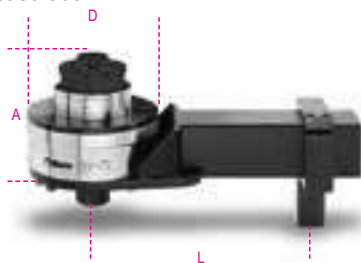
565-5R/VB

torque multiplier for right-hand and left-hand tightening

ratio 27:1

with anti-wind up system,

in case 565VV-B



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
9500	950	7000	3/4	1 1/2"	184	180	155	355	30,4

565-5R/VB 1 005650615

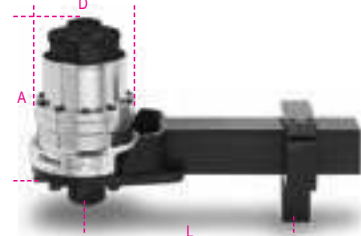
567-4R/VB

torque multiplier for right-hand and left-hand tightening

ratio 135:1

with anti-wind up system,

in case 565VV-B



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
6000	600	4500	1/2	1 1/2"	144	210	125	335	24,4

567-4R/VB 1 005670614

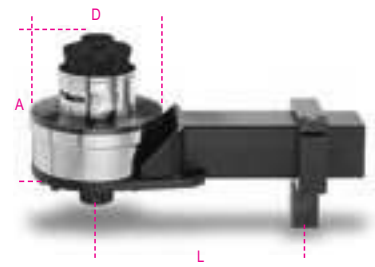
567-5R/VB

torque multiplier for right-hand and left-hand tightening

ratio 135:1

with anti-wind up system,

in case 565VV-B



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
9500	950	7000	1/2	1 1/2"	184	210	155	350	32,4

567-5R/VB 1 005670615

562VV-A

multiplier case, made of hard-wearing polypropylene with sponge lining

Interior dimensions: 380x270x180 mm



562VV-A 1 005620501

562/1-562/2-564/3R
564/4R-565/1R-565/2R
565/3R

410x340x205 mm - ⚖ 3,5 kg

565VV-B

multiplier case, made of hard-wearing polypropylene with sponge lining

Interior dimensions: 480x370x205 mm



565VV-B 1 005650502

565/4R-565/5R
567/4R-567/5R

520x435x230 mm - ⚖ 5,4 kg

GUIDE TO TORQUE WRENCHES



Torque wrenches must always be held in the middle of the handle, in order not to change the lever ratio. They must be operated smoothly and uninterruptedly, avoiding jerks.



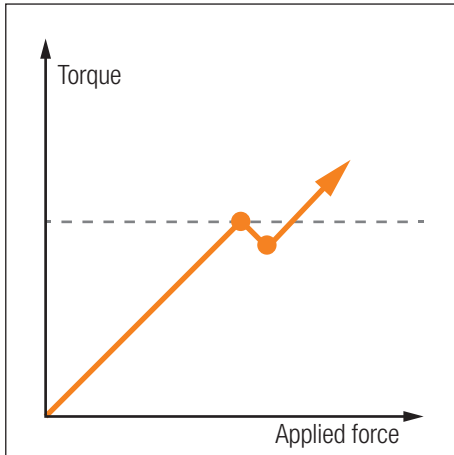
The adjustment scale must be reset to zero after use, in order not to affect tightening precision.



Beta provides a wide range of wrenches, with **four different types of operation**.

DIRECT READING MODELS

The applied tightening torque is transmitted directly to the reading index through compression of a coil spring. The applied torque can be read in real time through a pointer. A second pointer can be positioned on the target torque value. When the target torque value is reached, the second pointer will be hooked by the main pointer and record the peak value. Direct reading torque wrenches ensure remarkable accuracy and durability over time.

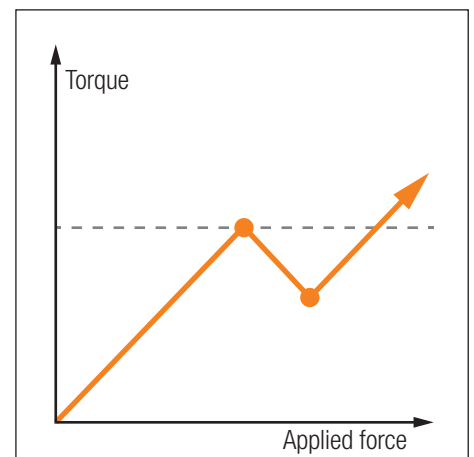
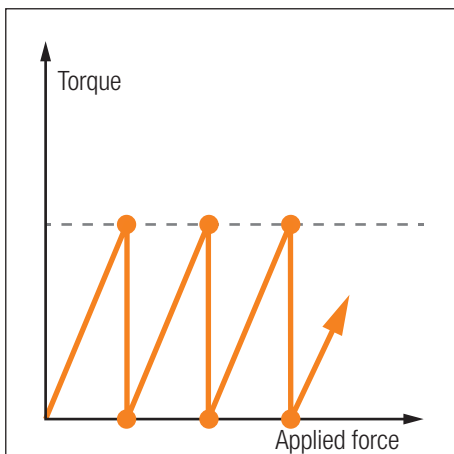


CLICK-TYPE MODELS

Click-type torque wrenches are the most popular models, as they are easy to use. They enable quick torque preselection by spring loading. The torque value increases as the applied force increases. When the required torque value is reached, a sudden release will occur, and the wrench will not apply any tightening force for approximately 3-5°. If the operator does not interrupt movement, the torque will keep increasing, thereby exceeding the required values.

BREAK-BACK MODELS

Break-back torque wrenches operate like click-type models, but when the required torque value is reached, a sudden release of the lever arm will occur (approximately 20°). Therefore, it is easier for the operator to stop applying force. They are normally used for high torque values with extremely long lever arms.



SLIPPING MODELS

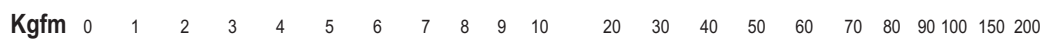
When the pre-set torque value is reached, the slipping mechanism will stop the torque from being applied, thereby causing the tool to idle. This will prevent tightening with high torque values compared to the required ones. Keeping applying force will cause the same cycle to be repeated. They are ideal for operations in sequence with low torque values (electronic and micromechanical industries), where avoiding breaking delicate or small-sized parts is a priority.

FIELDS OF USE FOR TORQUE WRENCHES

1 Nm = 0,10197 Kgfm = 0,7375 lbf.ft



Size	Model	Image	Min (Nm)	Max (Nm)	Min (Kgfm)	Max (Kgfm)	Min (lbf.ft)	Max (lbf.ft)
1/4"	590		0,3	4				
	590/1		0,5	13,5				
	603/5		1	5				
	603/10		2	10				
	605E/5		1	5				
	605E/10		2	10				
	666N/2			5	25			
3/8"	592/3		1	27				
	592/4		3	40				
	599DGT/6			12	60			
	665/6			10	60			
	665/10			20	100			
	665LB/6			7 LBF.FT	45 LBF.FT			
	665LB/10			15 LBF.FT	75 LBF.FT			
	666N/2X		5	25				
	666N/5			10	50			
	666N/10			20	100			
	666N LBF.IN/5			90 LBF.IN	440 LBF.IN			
	666N LBF.IN/10			200 LBF.IN	800 LBF.IN			
	668RGC/6			12	60			
	668RGC/10			20	100			
	1/2"	594/8		6	80			
594/21				20	215			
599DGT/10X				20	100			
599DGT/20				40	200			
599DGT/30				68	340			
599DGT-AN/10				20	100			
599DGT-AN/20				40	200			
606MQ/50			5	50				
610/5							90	130
610L/5							90	130
610L/5L							120	200
665/10X				20	100			
665/20				40	200			
665/30				60	330			
665LB/10X				15 LBF.FT	75 LBF.FT			
665LB/20				30 LBF.FT	150 LBF.FT			
665LB/30				45 LBF.FT	240 LBF.FT			
666N/10X				20	100			
666N/20				40	200			
666N/30				60	300			
666N LBF.IN/10X				200 LBF.IN	800 LBF.IN			
666N LBF.IN/20				400 LBF.IN	1800 LBF.IN			
666N LBF.IN/30				500 LBF.IN	3000 LBF.IN			
667N/20				40	200			
667N/30				60	300			
668RGC/10X				20	100			
668RGC/20				40	200			

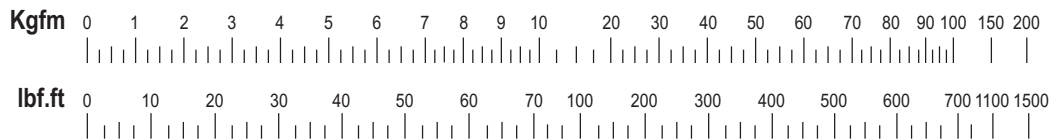


FIELDS OF USE FOR TORQUE WRENCHES

1 Nm = 0,10197 Kgfm = 0,7375 lbf.ft



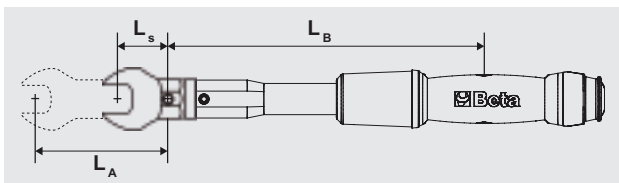
3/4"	596/40SL										80	400												
	596/80SL											160	800											
	667N/40											80	400											
	677/600 677C/600											120	600											
	677/800 677C/800											200	800											
	677/1000 677C/1000											300	1000											
	677C/1500												700	1500										
	678C/65												130	650										
	678C/100												300	1000										
678C/150												500	1500											
1"	598/200SL											400	2000											
	677/CP2000												900	2000										
ø8	604B/5		1	5																				
	604B/10		2	10																				
ø11	668N/2			5	25																			
	668N/5			10	50																			
	668N/10				20	100																		
	668N/20				40	200																		
	668N/30				60	300																		
	668RG/6			8	60																			
	668RG/10				20	100																		
	668RG/20				40	200																		
	668RG/30				60	300																		
9x12	669N/2			5	25																			
	669N/5			10	50																			
	669N/10				20	100																		
	669N/20				40	200																		
14x18	669N/20X				40	200																		
	669N/30				60	300																		
	669N/40				80	400																		
ø22	674/C50											100	500											
	674/C80											160	800											
	674/C100											200	1000											



Torque calculation

The lever arm changes for accessories differing from standard in length, LA ≠ LS.
To calculate the correct torque to set, use the formula:

$$C = \frac{M \cdot (L_B + L_S)}{L_B + L_A} \quad [N \cdot m]$$



C = torque to set

M = required torque

L_A = accessory length
(see accessory specifications table)

L_B = bar length (see torque bar specifications table)

L_S = standard accessory length
(see torque bar specifications table)

Beta

581

slip-torque screwdriver, **ungraduated** for right-hand tightening torque accuracy: $\pm 6\%$ (to be used with items 588 - 682)



UNI EN ISO 6789

Nm	gfm	lbf.ft	mm	kg
1,2÷6	120÷600	1/4"	275	

581 1 005810001

583

slip-torque screwdriver, graduated for right-hand tightening torque accuracy: $\pm 6\%$



UNI EN ISO 6789

Nm	gfm	lbf.ft	mm	kg
0,3÷1,5	30÷150	1/4"	240	

583/1,5 1 005830015

Nm	gfm	lbf.ft	mm	kg
0,6÷3	60÷300	1/4"	240	

583/3 1 005830030

Nm	gfm	lbf.ft	mm	kg
1,2÷6	120÷600	1/4"	350	

583/6 1 005830060

583/C31

1 torque screwdriver, 8 hexagon hand sockets, 20 bits and 2 accessories

1/4



583/C31 1 005830931

	583/6	1.2 - 6 Nm
	900	4-5-5,5-6-7-8-9-10 mm
	860LP	0,6x4,5 - 1x5,5 - 1,2x6,5 mm
	860PH	PH1 - PH2 (x2) - PH3
	860PE	2-2,5-3-4-5 mm
	860TX	T9-T10-T15-T20-T25-T27-T30-T40
	882P/80	80 mm
	892/0	1/4" 1/4"

270x120x45 mm - 1,2 kg

590 - 592

direct reading torque wrenches for right-hand and left-hand tightening torque accuracy: $\pm 4\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	mm	L mm	kg
0,3÷4	0,03÷0,4	3÷35	1/4"	60 253	0,52

590 1 005900001

Nm	Kgfm	lbf.in	mm	L mm	kg
0,5÷13,5	0,05÷1,35	4÷120	1/4"	60 253	0,52

590/1 1 005900003

Nm	Kgfm	lbf.in	mm	L mm	kg
1÷27	0,1÷2,7	10÷240	3/8"	70 253	0,52

592/3 1 005920005

Nm	Kgfm	lbf.in	mm	L mm	kg
3÷40	0,3÷4	20÷360	3/8"	70 253	0,52

592/4 1 005920007

594

direct reading torque wrenches for right-hand and left-hand tightening torque accuracy: $\pm 4\%$

12"



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	mm	L mm	kg
6÷80	0,6÷8	5÷60	1/2"	85 455	1,35

594/8 1 005940011

Nm	Kgfm	lbf.ft	mm	L mm	kg
20÷215	2÷21,5	15÷160	1/2"	85 530	1,40

594/21 1 005940015

Torque calibration service at end of price list

596 - 598

direct reading torque wrenches for right-hand and left-hand tightening torque accuracy: $\pm 4\%$

A signal light and an intermittent sound mean the pre-set torque load is achieved.



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	mm	L mm	kg
80÷400	8÷40	60÷300	3/4"	111 710	3,2

596/40SL 1 005960010

Nm	Kgfm	lbf.ft	mm	L mm	kg
160÷800	16÷80	120÷600	3/4"	115 1025	4,85

596/80SL 1 005960020

Nm	Kgfm	lbf.ft	mm	L mm	kg
200÷2000	20÷200	150÷1500	1"	135 1930	16,70

598/200SL 1 005980022

Beta

Quality Tools



599DGT

electronic torque wrench
with reversible ratchet,
right-hand (accuracy: $\pm 2\%$) and left-hand
(accuracy: $\pm 3\%$) tightening

- Dual measurement mode: peak hold and track
- Light indicators and an intermittent sound inform user that preset torque has been reached
- Power supply: 2 1.5V batteries (included)



CE



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■	D	A	L	■
20÷100	2÷10	15÷80	1/2	mm	mm	mm	kg
20÷100	2÷10	15÷80	1/2	30	33	413	0,9

599DGT/6 1 005990003

Nm	Kgfm	lbf.ft	■	D	A	L	■
20÷100	2÷10	15÷80	1/2	mm	mm	mm	kg
20÷100	2÷10	15÷80	1/2	30	37	413	0,9

599DGT/10X 1 005990010

Nm	Kgfm	lbf.ft	■	D	A	L	■
40÷200	4÷20	30÷150	1/2	mm	mm	mm	kg
40÷200	4÷20	30÷150	1/2	40	43	520	2

599DGT/20 1 005990020

Nm	Kgfm	lbf.ft	■	D	A	L	■
68÷340	6,8÷34	58÷280	1/2	mm	mm	mm	kg
68÷340	6,8÷34	58÷280	1/2	40	43	640	2,35

599DGT/30 1 005990030

599DGT-AN

electronic torque wrench, torque and angle
readout,
with reversible ratchet,
right-hand (accuracy: $\pm 2\%$)
and left-hand (accuracy: $\pm 3\%$) tightening

- tightening types: torque, angle, torque + angle
- dual measurement mode: peak hold and track
- light indicators and an intermittent sound inform user that preset torque or angle has been reached
- tightening data storage (up to 250 values)
- up to 9 torque/angle values can be preset
- key safety lockout
- wrench can be associated with 16 users through user ID
- tightening data traceability. Software allows date and time, tool serial number, set tightening value and reached value to be stored and associated with user ID
- nonslip bi-material handle
- included: 2 AA - 1.5V batteries, USB cable and software



12V

CE



UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.ft	■	D	A	L	■
20÷100	2÷10	15÷80	1/2	mm	mm	mm	kg
20÷100	2÷10	15÷80	1/2	30	33	413	0,9

599DGT-AN/10 1 005990610

Nm	Kgfm	lbf.ft	■	D	A	L	■
40÷200	4÷20	30÷150	1/2	mm	mm	mm	kg
40÷200	4÷20	30÷150	1/2	40	43	520	1,3

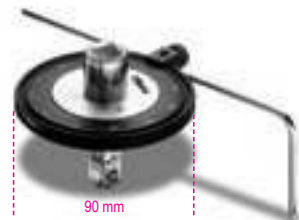
599DGT-AN/20 1 005990620

**Torque calibration
service
at end of price list**



600

torque angle indicators



600/1	□	■	1	006000001
600/2	3/4	3/4	1	006000002
600/1	□	■	1	006000001
600/2	3/4	3/4	1	006000002

601C

digital tangle indicator

Light signals and an intermittent sound inform user that preset angle has been reached

CE



601C 1 006010100
85x80x87 mm - 70 g

601CA

digital torque and angle indicator

light indicators and an intermittent sound
inform user that preset torque or angle
has been reached

12V

CE



601CA 1 006010120
120x90x120 mm - 240 g

603

calibrated slipping torque wrenches
for right-hand tightening
torque accuracy: $\pm 6\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	Drive	A mm	L mm	Weight g
1÷5	0,1÷0,5	10÷45	1/4	35	195	235

603/5 1 006030005

Nm	Kgfm	lbf.in	Drive	A mm	L mm	Weight g
2÷10	0,2÷1,0	18÷90	1/4	35	195	235

603/10 1 006030010

604B

break-back torque bars
for right-hand and left-hand tightening
torque accuracy: $\pm 6\%$



UNI EN ISO 6789

Nm	kgfm	lbf.in	Ø mm	L mm	Weight g
1÷5	0,1÷0,5	10÷45	8	220	290

604B/5 1 006040015

Nm	Kgfm	lbf.in	Ø mm	L mm	Weight g
2÷10	0,2÷1,0	18÷90	8	220	300

604B/10 1 006040020

605E

click-type torque wrenches
with reversible ratchets
for right-hand and left-hand tightening
torque accuracy: $\pm 6\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	Drive	A mm	L mm	Weight g
1÷5	0,1÷0,5	10÷45	1/4	20	190	180

605E/5 1 006050105

Nm	Kgfm	lbf.in	Drive	A mm	L mm	Weight g
2÷10	0,2÷1,0	18÷90	1/4	20	190	180

605E/10 1 006050110

610/5

click-type torque wrenches
with reversible ratchets,
for right-hand tightening,
with 5 preset values,
torque accuracy: $\pm 4\%$

Selectable torque values:
90 - 100 - 110 - 120 - 130 Nm



UNI EN ISO 6789

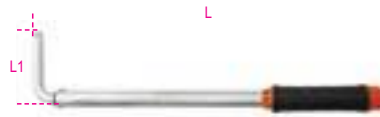
Nm	Drive	D mm	A mm	L mm	Weight g
90÷130	1/2	42	39	490	1330

610/5 1 006100025

610L/5

click-type torque wrenches
with L-shaped levers,
for right-hand tightening,
with 5 preset values,
torque accuracy: $\pm 4\%$

Selectable torque values:
90 - 100 - 110 - 120 - 130 Nm



UNI EN ISO 6789

Nm	Drive	L mm	L1 mm	Weight g
90÷130	1/2	470	80	1350

610L/5 1 006100125

610L/5L

click-type torque wrench
with L-shaped lever,
for right-hand tightening,
with 5 preset values,
torque accuracy: $\pm 4\%$

Selectable torque values:
120 - 140 - 160 - 180 - 200 Nm



UNI EN ISO 6789

Nm	Drive	L mm	L1 mm	Weight g
120÷200	1/2	470	80	1400

610L/5L 1 006100150

611

reversible ratchets
for torque bars items 604B/5 and 604B/10
8 mm drive



Drive	L mm	Weight g
1/4	42,5	1 006110001

**Torque calibration
service
at end of price list**

612 ÷ 614

reversible ratchets for torque bars



Items 612 and 612X should not be used
with tightening torques exceeding 100 Nm

Item	Drive	L mm	LA mm	Weight g
612	3/8	66	32	2 006120000
612X	1/2	66	32	2 006120010
614	1/2	71	32	2 006140000
614X	3/4	71	32	2 006140004

614/50

push-through ratchet for torque bars



Item	Drive	L mm	LA mm	Weight g
614/50	1/2	71	32	2 006140002

**Spare parts
rotating mechanism of ratchets,
see table after item 929/C8**

615

reversible ratchets
for torque bars, rectangular drive



mm	mm	L mm	LA mm		
9x12	3/8	53	28,8	1	006150010
9x12	1/2	53	28,8	1	006150020
14x18	1/2	70	39,8	1	006150120

616 - 617 - 619

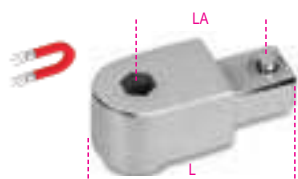
fixed heads for torque bars



mm	mm	L mm	LA mm		
616	1/4	61	32	1	006160000
617	3/8	61	32	1	006170000
619	1/2	63	32	1	006190000

621

bit holder accessories
for torque bars, rectangular drive



mm	mm	L mm	LA mm		
P 1/4	9x12	1/4	43 28,8	1	006210000
* P 5/16	14x18	5/16	52,5 32,5	1	006210110

*Caution! Recalculate torque value to set as shown in table at end of price list

622

reversible ratchets
for torque bars,
round drive, Ø 22 mm



mm	mm	L mm	LA mm		
622 3/4	3/4	110	56	1	006220019
622 1	1	110	56	1	006220024

641

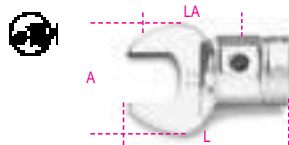
open jaw wrenches
for torque bars 604B/5 and 604B/10
8 mm drive



mm	L mm		
4	37	1	006410003
5	37	1	006410004
5,5	37	1	006410005
6	37	1	006410006
7	37	1	006410007
8	42	1	006410008
9	42	1	006410009
10	42	1	006410010

642

open jaw wrenches for torque bars



mm	L mm	LA mm	A mm		
8	54	32	22	1	006420008
10	57	32	26	1	006420010
12	58	32	30	1	006420012
13	58	32	30	1	006420013
14	59	32	32	1	006420014
15	59	32	35	1	006420015
16	59	32	38	1	006420016
17	60	32	39	1	006420017
18	61	32	42	1	006420018
19	61	32	43	1	006420019
20	61	32	50	1	006420020
21	62	32	53	1	006420021
22	62	32	53	1	006420022
23	65	32	53	1	006420023
24	63	32	53	1	006420024
26	64	32	59	1	006420026
27	65	32	59	1	006420027
28	66	32	64	1	006420028
30	66	32	66	1	006420030
32	67	32	66	1	006420032
* 36	76	42	80	1	006420036
* 40	77	52	95	1	006420040
* 41	78	52	95	1	006420041
* 46	90	52	95	1	006420046

*Caution! Recalculate torque value to set as shown in table at end of price list

643

open jaw wrenches
for torque bars, rectangular drive



mm	mm	L mm	LA mm		
7	9X12	37	28,8	1	006430007
8	9x12	37	28,8	1	006430008
10	9x12	39	28,8	1	006430010
12	9x12	39	28,8	1	006430012
13	9x12	39	28,8	1	006430013
14	9x12	43	28,8	1	006430014
15	9x12	43	28,8	1	006430015

*Caution! Recalculate torque value to set as shown in table at end of price list

mm	mm	L mm	LA mm		
16	9x12	43	28,8	1	006430016
17	9x12	43	28,8	1	006430017
* 18	9x12	47	36,3	1	006430018
* 19	9x12	51	36,3	1	006430019
* 21	9X12	52	36,3	1	006430021
* 22	9x12	52	36,3	1	006430022

*Caution! Recalculate torque value to set as shown in table at end of price list

mm	mm	L mm	LA mm		
13	14x18	60	39,8	1	006430113
14	14x18	58	39,8	1	006430114
15	14x18	60	39,8	1	006430115
16	14x18	60	39,8	1	006430116
17	14x18	60	39,8	1	006430117
18	14x18	61	39,8	1	006430118
19	14x18	61	39,8	1	006430119
21	14x18	61	39,8	1	006430121
22	14x18	62	39,8	1	006430122
24	14x18	64	39,8	1	006430124
* 27	14x18	68	44,8	1	006430127
* 30	14x18	77	49,8	1	006430130
* 32	14x18	77	49,8	1	006430132
* 34	14x18	80	54,8	1	006430134
* 36	14x18	83	54,8	1	006430136
* 38	14x18	83	54,8	1	006430138
* 41	14x18	91	64,8	1	006430141

*Caution! Recalculate torque value to set as shown in table at end of price list

644

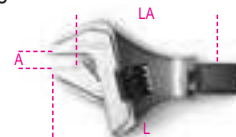
open jaw wrenches
for torque bars,
round drive, Ø 22 mm



mm	L mm	LA mm	A mm		
22	91	56	52	1	006440022
24	91	56	52	1	006440024
27	94	56	64	1	006440027
30	94	56	64	1	006440030
32	97	56	75,5	1	006440032
34	97	56	75,5	1	006440034
36	97	56	75,5	1	006440036
41	103,5	56	94	1	006440041
46	115,5	56	94	1	006440046

650A

adjustable wrenches
for torque bars,
rectangular drive



A min-max mm	mm	L mm	LA mm		
* 5-27	9X12	93	74,3	1	006500027
* 5-30	9X12	106	85,3	1	006500030
* 5-30	14X18	115	89	1	006500130
* 10-41	14X18	127	100	1	006500141

*Caution! Recalculate torque value to set as shown in table at end of price list

650H

hook wrenches
for torque bars,
rectangular drive



mm	mm	L mm	LA mm		
* 28-36	14x18	122	92	1	006500928
* 40-45	14x18	129	92	1	006500940
* 50-55	14x18	129	92	1	006500950
* 58-62	14x18	135	92	1	006500958
* 68-75	14x18	139	92	1	006500968
* 80-90	14x18	145	92	1	006500980

*Caution! Recalculate torque value to set as shown in table at end of price list

652

ring wrenches for torque bars



mm	L mm	LA mm		
8	58	32	1	006520008
10	58	32	1	006520010
12	58	32	1	006520012
13	58	32	1	006520013
14	58	32	1	006520014
15	62	32	1	006520015
16	63	32	1	006520016
17	64	32	1	006520017
18	65	32	1	006520018
19	65	32	1	006520019
21	67	32	1	006520021
22	68	32	1	006520022
24	69	32	1	006520024
26	71	32	1	006520026
27	71	32	1	006520027
30	73	32	1	006520030
32	74	32	1	006520032

653

ring wrenches
for torque bars, rectangular drive



mm	mm	L mm	LA mm		
7	9x12	40	28,8	1	006530007
8	9x12	40	28,8	1	006530008
10	9x12	43	28,8	1	006530010
12	9x12	44	28,8	1	006530012
13	9x12	44	28,8	1	006530013
14	9x12	45	28,8	1	006530014
15	9x12	46	28,8	1	006530015
16	9x12	47	28,8	1	006530016
17	9x12	47	28,8	1	006530017
18	9x12	48	28,8	1	006530018
19	9x12	49	28,8	1	006530019
21	9x12	51	28,8	1	006530021
22	9x12	51	28,8	1	006530022

mm	mm	L mm	LA mm		
13	14x18	61	39,8	1	006530113
14	14x18	61	39,8	1	006530114
15	14x18	62	39,8	1	006530115
16	14x18	63	39,8	1	006530116

*Caution! Recalculate torque value to set as shown in table at end of price list

mm	mm	L mm	LA mm		
17	14x18	64	39,8	1	006530117
18	14x18	64	39,8	1	006530118
19	14x18	66	39,8	1	006530119
21	14x18	66	39,8	1	006530121
22	14x18	67	39,8	1	006530122
24	14x18	69	39,8	1	006530124
* 27	14x18	76	44,8	1	006530127
* 30	14x18	77	44,8	1	006530130
* 32	14x18	79	44,8	1	006530132
* 34	14x18	80	44,8	1	006530134
* 36	14x18	80	44,8	1	006530136
* 38	14x18	90	49,8	1	006530138
* 41	14x18	90	49,8	1	006530141

*Caution! Recalculate torque value to set as shown in table at end of price list

654

ring wrenches
for torque bars,
round drive, Ø 22 mm



mm	L mm	LA mm	A mm		
22	98,5	56	38	1	006540022
24	98,5	56	38	1	006540024
27	102,8	56	46,5	1	006540027
30	102,8	56	46,5	1	006540030
32	106,5	56	55	1	006540032
34	106,5	56	55	1	006540034
36	106,5	56	55	1	006540036
41	115,5	56	72	1	006540041
46	115,5	56	72	1	006540046

659/15

adaptor with rectangular female (14x18 mm)
and male (9x12 mm) drives



mm	mm	mm	LA mm		
* 56	14x18	9x12	39	1	006590815

*Caution! Recalculate torque value to set as shown in table at end of price list



Always apply torque loads evenly
and progressively to avoid breakage
and any possible injury.

659/16

adaptor with rectangular female (9x12 mm)
and male (14x18 mm) drives



mm	mm	mm	LA mm		
* 52	9x12	14x18	31	1	006590816

*Caution! Recalculate torque value to set as shown in table at end of price list

Beta

665 MECHANICAL TORQUE WRENCH WITH DIGITAL READOUT

Torque wrench 665 matches the sturdiness and reliability of Beta's tried-and-test mechanism and established ratchet with quick readings and an accurate digital system.



RELIABILITY

Beta's sturdy ratchet results in smooth movements and a take-up angle of no more than 5°.

ACCURACY

±3% improved accuracy compared to standard requirements.

SMOOTHNESS

The click mechanism translates into lighter movements and improved accuracy.

DIGITAL READING

The torque value is easier to set and read.

CALIBRATION

Multi-point calibration, to correct nonlinear spring behaviour, obtained with Beta's torque meters 682, without taking the wrench apart.

RAPIDITY

Quick, efficient torque adjustment.

QUICK, ACCURATE DIGITAL TORQUE ADJUSTMENT

665

mechanical torque wrench with digital setting and reversible ratchet, for right-hand tightening, torque accuracy $\pm 3\%$

- Auto power off after 10" when torque is set under minimum torque threshold
- Display will remain on with set torque value
- Torque setting to decimal digit
- Power supply: battery 1.3V (included)



UNI EN ISO 6789

Nm	mm	D mm	A mm	L mm	g
10÷60	3/8	30	33	335	655
665/6 1 006650006					
20÷100	3/8	30	33	375	725
665/10 1 006650010					
20÷100	1/2	30	37	375	725
665/10X 1 006650011					
40÷200	1/2	40	43	470	995
665/20 1 006650020					
60÷330	1/2	40	43	590	1260
665/30 1 006650030					



665LB

mechanical torque wrench, digital readout, with reversible ratchet, for right-hand tightening, torque accuracy: $\pm 3\%$

- Unit of measurement: lbf.ft
- Torque is easy to set and read through value shown on display
- Display remains on with set torque value
- Torque reading to 0.1 mm
- Automatic switch-off after 30 sec. with torque setting under minimum threshold
- Power supply: 1 3V battery (included)



UNI EN ISO 6789

lbf.ft	mm	D	A	L	g
7÷45	3/8	30	33	335	655

665LB/6 1 006650106

lbf.ft	mm	D	A	L	g
15÷75	3/8	30	33	375	725

665LB/10 1 006650110

lbf.ft	mm	D	A	L	g
15÷75	1/2	30	37	375	725

665LB/10X 1 006650111

lbf.ft	mm	D	A	L	g
30÷150	1/2	40	43	470	995

665LB/20 1 006650120

lbf.ft	mm	D	A	L	g
45÷240	1/2	40	43	590	1260

665LB/30 1 006650130

665SW

calibration device

- Device allows calibration of wrenches item 665 with help of torque meters 680 and 682, without having to dismantle wrench.
- Calibration is performed on several points, to compensate for nonlinear behaviour of spring.
- Fitted with a micro USB port, for firmware updates.



665SW 1 006650100

666N CLICK-TYPE TORQUE WRENCHES



17 meshing teeth allow excellent effort distribution



Scale increased for improved visibility and setting accuracy



Handle and lens materials resistant to all chemical substances used in automotive sector, industry and aviation



Extremely high torque adjustment speed
Red colour of o-ring indicates that wrench is unlocked and torque can be adjusted

666N

click-type torque wrenches with reversible ratchets, for right-hand tightening, torque accuracy: $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	mm	D	A	L	g
5÷25	0,5÷2,5	4÷18	1/4	25	29	220	300

666N/2 1 006660002

Nm	Kgfm	lbf.ft	mm	D	A	L	g
5÷25	0,5÷2,5	4÷18	3/8	25	29	220	300

666N/2X 1 006660003

Nm	Kgfm	lbf.ft	mm	D	A	L	g
10÷50	1÷5	7÷37	3/8	30	33	325	660

666N/5 1 006660005

Nm	Kgfm	lbf.ft	mm	D	A	L	g
20÷100	2÷10	15÷75	3/8	30	33	367	730

666N/10 1 006660010

Nm	Kgfm	lbf.ft	mm	D	A	L	g
20÷100	2÷10	15÷75	1/2	30	37	367	800

666N/10X 1 006660011

Nm	Kgfm	lbf.ft	mm	D	A	L	g
40÷200	4÷20	30÷150	1/2	40	43	465	1010

666N/20 1 006660020

Nm	Kgfm	lbf.ft	mm	D	A	L	g
60÷300	6÷30	50÷220	1/2	40	43	581	1380

666N/30 1 006660030



666N LBF.IN

click-type torque wrenches with reversible ratchets, for right-hand tightening torque accuracy: $\pm 3\%$
 • Scale in pounds force per inch



UNI EN ISO 6789

lbf.in	mm	D	A	L	g
90÷440	3/8	30	33	325	660

666N-LBF.IN/5 1 006660055

lbf.in	mm	D	A	L	g
200÷900	3/8	30	33	367	730

666N-LBF.IN/10 1 006660070

lbf.in	mm	D	A	L	g
200÷900	1/2	30	37	367	800

666N-LBF.IN/10X 1 006660071

lbf.in	mm	D	A	L	g
400÷1800	1/2	40	43	465	1010

666N-LBF.IN/20 1 006660072

lbf.in	mm	D	A	L	g
500÷3000	1/2	40	43	581	1380

666N-LBF.IN/30 1 006660073

667N

click-type torque wrenches with push-through ratchets, for right-hand and left-hand tightening, torque accuracy: $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	mm	D	A	L	g
40÷200	4÷20	30÷150	1/2	40	43	465	1010

667N/20 1 006670020

Nm	Kgfm	lbf.ft	mm	D	A	L	g
60÷300	6÷30	50÷220	1/2	40	43	581	1380

667N/30 1 006670030

Nm	Kgfm	lbf.ft	mm	D	A	L	g
80÷400	8÷40	60÷295	3/4	50	50	687	2090

667N/40 1 006670040

Spare parts
rotating mechanism of ratchets,
see table after item 929/C8

668N

click-type torque bars, for right-hand and left-hand tightening, torque accuracy: $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	g
5÷25	0,5÷2,5	4÷18	16	220	148	32	300

668N/2 1 006680002

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	g
10÷50	1÷5	7÷37	16	307	229	32	590

668N/5 1 006680005

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	g
20÷100	2÷10	15÷75	16	376	269	32	670

668N/10 1 006680010

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	g
40÷200	4÷20	30÷150	16	450	352,6	32	795

668N/20 1 006680020

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	g
60÷300	6÷30	50÷220	16	588	475,9	32	1230

668N/30 1 006680030

668RG

click-type torque bar, ungraduated for right-hand and left-hand tightening torque accuracy: $\pm 4\%$
 (to be used with items 680 - 682)



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø	L	g
8÷60	0,8÷6	6÷44	16	288	550

668RG/6 1 006680206

Nm	Kgfm	lbf.ft	Ø	L	g
20÷100	2÷10	15÷80	16	315	600

668RG/10 1 006680210

Nm	Kgfm	lbf.ft	Ø	L	g
40÷200	4÷20	30÷150	16	405	780

668RG/20 1 006680220

Nm	Kgfm	lbf.ft	Ø	L	g
60÷300	6÷30	50÷220	16	645	1130

668RG/30 1 006680230

668RGC

click-type torque wrench, ungraduated, for right-hand tightening, torque accuracy: $\pm 4\%$
 (for use with items 680/40 - 682)



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	mm	D	A	L	g
12÷60	1,2÷6	5÷45	3/8	30	33	295	600

668RGC/6 1 006680406

Nm	Kgfm	lbf.in	mm	D	A	L	g
20÷100	2÷10	15÷75	3/8	30	33	335	700

668RGC/10 1 006680410

Nm	Kgfm	lbf.in	mm	D	A	L	g
20÷100	2÷10	15÷75	1/2	40	43	342	700

668RGC/10X 1 006680411

Nm	Kgfm	lbf.in	mm	D	A	L	g
40÷200	4÷20	30÷150	1/2	40	43	425	1000

668RGC/20 1 006680420



669N

click-type torque bars,
rectangular drive,
for right-hand and left-hand tightening,
torque accuracy: $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	⚖ g
5÷25	0,5÷2,5	4÷18	9x12	215	140	28,8	300

669N/2 1 006690202

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	⚖ g
10÷50	1÷5	7÷37	9x12	307	226,8	28,8	590

669N/5 1 006690205

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	⚖ g
20÷100	2÷10	15÷75	9x12	376	266,8	28,8	670

669N/10 1 006690210

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	⚖ g
40÷200	4÷20	30÷150	9x12	450	345,6	28,8	795

669N/20 1 006690220

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	⚖ g
40÷200	4÷20	30÷150	14x18	450	351	39,8	795

669N/20X 1 006690221

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	⚖ g
60÷300	6÷30	50÷220	14x18	588	468,5	39,8	1230

669N/30 1 006690230

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	⚖ g
80÷400	8÷40	60÷295	14x18	664	563	39,8	2100

669N/40 1 006690240

671B/C5

torque bar item 604B/5 and accessories



671B/C5 1 006710001

	604B/5	1+5 Nm
	611	1/4
	641	5-6-7-8 mm
	900	4-5-5,5-6-7-8-9-10 mm

270x120x45 mm - ⚖ 1,3 kg

671B/C10

torque bar item 604B/10 and accessories



671B/C10 1 006710002

	604B/10	2+10 Nm
	611	1/4
	641	6-7-8-10 mm
	900	4-5-5,5-6-7-8-9-10 mm

270x120x45 mm - ⚖ 1,4 kg

671N/C10

torque bar 668N/10
and accessories



671N/C10 1 006710110

	668N/10	100 Nm
	612	■ 3/8
	617	■ 3/8
	642	10-13-14-17-19 mm
	652	10-13-14-17-19 mm
	910A	□ 3/8 8-10-11-13-14-17-19 mm
	910/21	125 mm
	910/22	250 mm

400x180x45 mm - ⚖ 4,3 kg

671N/C20

torque bar 668N/20
and accessories



671N/C20 1 006710120

	668N/20	200 Nm
	614	■ 1/2
	619	■ 1/2
	642	10-13-14-17-19 mm
	652	10-13-14-17-19 mm
	920A	□ 1/2 10-11-13-14-17-19-22 mm
	920/20	75 mm
	920/21	125 mm
	920/22	255 mm

510x180x45 mm - ⚖ 5,5 kg

671N/C30

torque bar 668N/30
and accessories



671N/C30 1 006710130

	668N/30	300 Nm
	614	■ 1/2
	619	■ 1/2
	642	13-14-17-19 mm
	652	13-14-17-19 mm
	920A	□ 1/2 13-14-17-19-22-24-27 mm
	920/20	75 mm
	920/21	125 mm
	920/22	255 mm

620x180x45 mm - ⚖ 5,8 kg



674/C

click-type torque bars,
round drive Ø 22 mm,
for right-hand and left-hand tightening,
torque accuracy: ± 4%,
in case



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	kg
100÷500	10÷50	80÷400	22	786	725	56	3,4

674/C50 1 006740005

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	kg
160÷800	16÷80	120÷600	22	997	915	56	4,5

674/C80 1 006740008

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	kg
200÷1000	20÷100	150÷750	22	997	915	56	4,5

674/C100 1 006740010

677

break-back torque wrenches
with push-through ratchets
for right-hand and left-hand tightening,
torque accuracy: ± 4%



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
120÷600	12÷60	100÷450	69	55	1059	6,0

677/600 1 006770006

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
200÷800	20÷80	150÷600	69	55	1319	6,7

677/800 1 006770008

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	200÷750	69	55	1554	7,4

677/1000 1 006770010

677/C

break-back torque wrenches
with push-through ratchets,
for right-hand and left-hand tightening,
torque accuracy: ±4%
in case



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
120÷600	12÷60	100÷450	69	55	1059	6,0

677/C600 1 006770607

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
200÷800	20÷80	150÷600	69	55	1319	6,7

677/C800 1 006770612

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	200÷750	69	55	1554	7,4

677/C1000 1 006770616

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
700÷1500	70÷150	500÷1000	69	55	1869	9,6

677/C1500 1 006770621

677/CP2000

break-back torque wrenches
with push-through ratchets,
for right-hand and left-hand tightening,
torque accuracy: ± 4%
in case



UNI EN ISO 6789

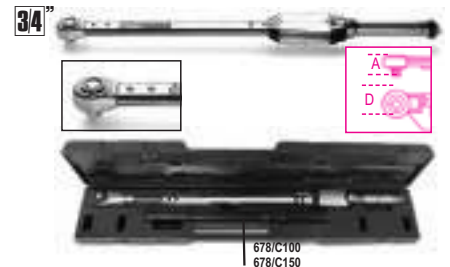
Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
900÷2000	90÷200	700÷1500	69	63	1940	12,75

677/CP2000 1 006770721

678/C

click-type torque wrenches
with push-through ratchets
for right-hand and left-hand tightening,
torque accuracy: ± 4%
in case

• Models 678/C100 and 678/C150 supplied complete with extensions.



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
130÷650	13÷65	100÷480	63	55	885	3,9

678/C65 1 006780607

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	220÷750	75	60	1250	6,0

678/C100 1 006780611

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
500÷1500	50÷150	370÷1100	75	60	1570	8,5

678/C150 1 006780615

677/CV - 678/CV

empty cases for torque wrenches
items 677 and 678



677/CVN1 1 006770455

677/C600-677/C800-677/C1000

677/CVN2 1 006770460

677/C1500-677/CP2000

678/CV1 1 006780455

678/C65

678/CV2 1 006780500

678/C100

678/CV3 1 006780415

677/C100-677/C150-678/C150

680

electronic digital torque meter
Dynatester 680
for testing calibration,
clockwise/anticlockwise operation

- Accuracy: $\pm 1\%$ of read value
- Colour LCD display, 4 digits
- 3 units of measurement: Nm - lbf.ft. - lbf.in

CE



	Nm	kg		
680/3	0,1÷3	1,4	1	006800000
680/30	1,5÷30	1,4	1	006800003
680/350	10÷350	2,6	1	006800035
680/2100	200÷2100	3,5	1	006800210

682

electronic digital torque meter
with transducer Dynatester 682
to be used either clockwise
or anticlockwise
Remarkable reading accuracy
Supplied with serial output RS 232
for printers

CE



TECHNICAL FEATURES

Reading accuracy
 $\pm 1\%$ of the read value

Available measuring units
Nm-dNm-cNm-Lbf.ft-Lbf.in-Ozf.in-Kgf.m-Kgf.cm-gf.cm

Supply range
90 to 264 V AC at 50/60 Hz

Dimensions 235x185x185 mm

Tolerance test according to norm ISO 6789
Acceptability range
for each torque wrench tested

Display
Menu available in 11 languages
Provided with all certificates required
Calibration certificate with UKAS traceability

	Nm	kg		
682/60	1,2÷60	5,9	1	006820006
682/400	8÷400	6,1	1	006820040
682/1500	30÷1500	6,4	1	006820150

IMPACT SOCKETS



Impact sockets are oversized compared to hand sockets, so that they can absorb high torque as developed by impact wrenches and torque multipliers.

The new **bi-hex profile** allows for quick nut fit. They must be used with pins and grommets to prevent disengagement from the drive.

As well as the classic models in standard, long and long, slim series, the **new XZN® profile** is also available; furthermore, the range of accessories for impact sockets has been expanded.



710

impact sockets, standard series



UNI/ISO 2725 DIN 3129

mm	Ø	L	Ø1		
7	12,5	28	19	3	007100007
8	13,8	28	19	3	007100008
9	15,0	28	19	3	007100009
10	16,3	28	19	3	007100010
11	17,5	30	19	3	007100011
12	19,0	30	19	3	007100012
13	20,0	30	22	3	007100013
14	21,3	30	22	3	007100014
16	23,8	30	22	3	007100016
17	25,0	30	22	3	007100017
18	26,3	30	22	3	007100018
19	27,5	30	22	3	007100019
21	30,0	32	22	3	007100021
22	32,0	32	22	3	007100022

710/C10

10 impact sockets



710/C10

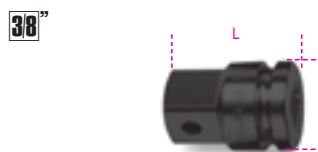
7-8-10-11-12-13
14-17-19-22 mm

1 007100910

130x55x40 mm - 800 g

710/16

impact adaptor, 3/8" female
and 1/2" male drives



L	Ø				
32	22	3/8	1/2	3	007100810

710/20

3/8" drive impact extension bar



L	Ø		
75	22	2	007100821

710/21

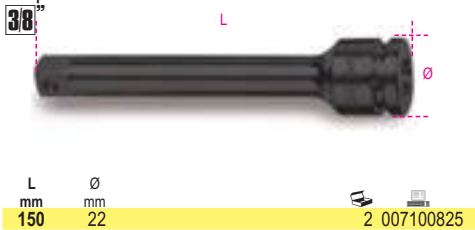
3/8" drive impact extension bar



L	Ø		
mm	mm		
125	22	2	007100823

710/22

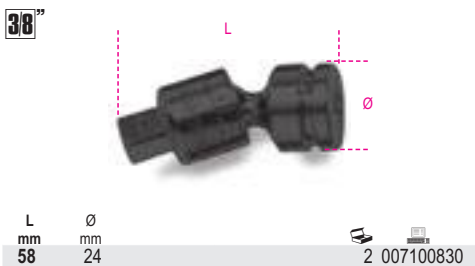
impact extension bar, 3/8" male and female square drives



L	Ø		
mm	mm		
150	22	2	007100825

710/25

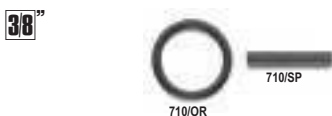
3/8" drive impact universal joint



L	Ø		
mm	mm		
58	24	2	007100830

710/OR... - 710/SP...

rubber O-rings and locking pins for impact sockets



	710	710/16		
	mm	L mm		
710/OR1	7+12		10	007100921
710/OR2	13+22	32	10	007100922
710/SP1	7+12		10	007100911
710/SP2	13+22	32	10	007100912

720

impact sockets, standard series



UNI/ISO 2725 DIN 3129

Ø	Ø	L	Ø1		
mm	mm	mm	mm		
8	15,0	38	25	5	007200008
9	16,0	38	25	5	007200009
10	17,0	38	25	5	007200010
11	18,5	38	25	5	007200011
12	20,0	38	25	5	007200012
13	21,0	38	25	5	007200013
14	22,5	38	25	5	007200014
15	23,0	38	30	5	007200015
16	25,0	38	30	5	007200016
17	26,0	38	30	5	007200017
18	27,5	38	30	5	007200018
19	28,5	38	30	5	007200019
20	30	38	30	5	007200020
21	31,0	38	30	5	007200021
22	32,5	38	30	5	007200022
23	34,0	38	30	5	007200023
24	35,0	38	30	5	007200024
27	38,5	45	30	3	007200027
29	41	47	30	3	007200029
30	42,0	50	30	3	007200030
32	44,0	50	30	3	007200032
36	50,0	50	30	3	007200036

720/C6

6 impact sockets



720/C6	13-14-17-19-22-24 mm	1	007200910

195x80x55 mm - 1100 g

720/C12

12 impact sockets



720/C12	10-11-12-13-14-17-19-22-24-27-30-32 mm	1	007200912

195x80x55 mm - 2000 g

720/C24

24 impact sockets



720/C24		1	007200904

720	10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm
720L	13 - 17 - 19 - 21 - 22 - 24 mm
720LC	17 - 19 - 21 mm

420x185x60 mm - 6,2 kg

720MC

impact sockets, standard series, coloured



Ø	Ø	L		
mm	mm	mm		
10	17,0	38		3 007202010
11	18,5	38		3 007202011
12	20,0	38		3 007202012
13	21,0	38		3 007202013
14	22,5	38		3 007202014
15	23,0	38		3 007202015
16	25,0	38		3 007202016
17	26,0	38		3 007202017
18	27,5	38		3 007202018
19	28,5	38		3 007202019
21	31,0	38		2 007202021
22	32,5	38		2 007202022
24	35,0	38		2 007202024

720MC/C13

13 impact sockets, coloured



720MC/C13	10-11-12-13-14-15-16-17-18-19-21-22-24 mm	1	007202913

335x145x60 mm - 2,4 kg



720B

bi-hex impact sockets



UNI/ISO 2725 DIN 3129

mm	Ø	L	Ø1		
mm	mm	mm	mm		
10	17	38	25	5	007201010
11	18	38	25	5	007201011
12	19	38	25	5	007201012
13	20	38	25	5	007201013
14	22	38	25	5	007201014
15	23	38	30	5	007201015
16	24	38	30	5	007201016
17	26	38	30	5	007201017
18	27	38	30	5	007201018
19	28	38	30	5	007201019
21	30	38	30	5	007201021
22	31,8	38	30	5	007201022
23	31,8	38	30	5	007201023
24	33,8	40	30	5	007201024
27	37,8	43	30	3	007201027
30	41,8	43	30	3	007201030
32	43,8	43	30	3	007201032
36	49,8	50	30	3	007201036

720AS

impact sockets, standard series



"	Ø	L	Ø1		
mm	mm	mm	mm		
3/8	17,0	38	25	2	007200210
7/16	18,2	38	25	2	007200211
1/2	20,7	38	25	2	007200213
9/16	22,0	38	25	2	007200214
5/8	24,5	38	30	2	007200216
11/16	25,7	38	30	2	007200217
3/4	28,2	38	30	2	007200219
13/16	30,7	38	30	2	007200221
7/8	32,0	38	30	2	007200222
15/16	34,5	38	30	2	007200224
1	35,7	38	30	2	007200225
1.1/16	38,2	40	30	1	007200227
1.1/8	40,7	42	30	1	007200229
1.1/4	44,5	42	30	1	007200232

720S

impact sockets, compact series



mm	Ø	L	Ø1		
mm	mm	mm	mm		
13	20,0	28,0	23,8	3	007200113
15	23,0	28,0	23,8	3	007200115
17	25,8	28,0	25,8	3	007200117
19	27,8	28,0	27,8	3	007200119
22	31,8	28,0	30,0	3	007200122
24	33,8	28,0	30,0	3	007200124



12"



720S/SB6
13-15-17-19-22-24 mm

1 007200906

720L

impact sockets, long series



12"



UNI/ISO 2725

mm	Ø	L	Ø1		
mm	mm	mm	mm		
10	17,0	80	25	2	007200310
11	18,5	80	25	2	007200311
12	20,0	80	25	2	007200312
13	21,0	80	25	2	007200313
14	22,5	80	25	2	007200314
15	23,0	80	30	2	007200315
16	25,0	80	30	2	007200316
17	26,0	80	30	2	007200317
18	27,5	80	30	2	007200318
19	28,5	80	30	2	007200319
21	31,0	80	30	2	007200321
22	32,5	80	30	2	007200322
24	35,0	80	30	2	007200324
27	38,5	80	30	2	007200327
30	42,0	80	30	2	007200330
32	44,0	80	30	2	007200332
36	50,0	80	30	2	007200336

720L/S3

set of 3 impact sockets item 720L



12"



17-19-21

1 007200355

720LS

impact sockets, long, slim series



12"



mm

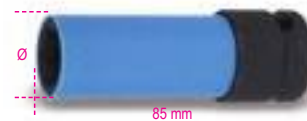
mm	Ø	L	Ø1		
mm	mm	mm	mm		
10	15,5	78	24	2	007200360
11	16,7	78	24	2	007200361
12	18,0	78	24	2	007200362
13	19,2	78	24	2	007200363
14	20,5	78	24	2	007200364
15	21,7	78	24	2	007200365
16	23,0	78	24	2	007200366
17	24,2	78	29	2	007200367
18	25,5	78	29	2	007200368
19	26,7	78	29	2	007200369
21	29,2	78	29	2	007200371
22	30,5	78	29	2	007200372
24	33,0	78	29	2	007200374
27	36,7	78	29	2	007200377
30	40,5	78	29	2	007200380
32	43,0	78	29	2	007200382
36	48,0	78	29	2	007200386

720LC

wheel nut impact sockets, with coloured polymeric inserts



12"



mm	Ø				
mm	mm				
17	26,5			2	007200637
19	28,5			2	007200639
21	30,3			2	007200641
22	32,4			2	007200642
24	34,6			2	007200644



12"



720LC/C3
17-19-21 mm

1 007200653

148x132x44 mm - 860 g



12"



720LC/S5
17-19-21-22-24 mm

1 007200645



12"



720LC/PM5
17-19-21-22-24 mm

1 007200646

PM 1/2-Q5

magnetic socket rail

12"



PM 1/2-Q5

1 088880233

720IC

spare coloured polymeric inserts for impact sockets 720LC-720LCL



	mm			
720IC 17	17	■	1	007200687
720IC 19	19	■	1	007200689
720IC 21	21	■	1	007200691
720IC 22	22	■	1	007200692
720IC 24	24	■	1	007200694



720LCL

wheel nut impact sockets with coloured polymeric inserts, long series



mm	Ø mm			
17	26,5	■	1	007200737
19	28,5	■	1	007200739
21	30,3	■	1	007200741



720LCL/C3	17-19-21 mm	1	007200753
210x50x150 mm - 1,65 kg			

720MRC

impact socket with polymeric insert for Mercedes wheel screw



mm	Ø mm	L mm		
17	27	85	1/2	1 007200631

720FRD

impact socket for Ford wheel nuts with aluminium damaged caps

required when nut caps are damaged by impact wrenches



mm	L mm		
18,5+19,5	63	1	007200633

720TC

impact torsion bars, coloured, for motor vehicle wheel nuts, with 1/2" male and female square drives



Nm	L mm		
90	200	■	1 007200769
100	200	■	1 007200770
110	200	■	1 007200771
120	200	■	1 007200772
135	200	■	1 007200773



720TC/S5	90-100-110-120-135 Nm	1	007200779
260x50x175 mm - 1,35 kg			

720FTX

impact sockets, for Torx® head screws



	Ø mm	L mm	Ø1 mm		
E10	14,0	38	25	2	007200410
E12	15,9	38	25	2	007200412
E14	17,7	38	25	2	007200414
E16	20,0	38	25	2	007200416
E18	22,0	38	25	2	007200418
E20	25,0	40	25	2	007200420
E24	30,0	40	30	2	007200424



720FTX/SB6	E10-E12-E14 E16-E18-E20	1	007200450
-------------------	----------------------------	---	-----------

720TX

impact socket drivers for Torx® head screws



	Ø mm	L mm	L1 mm		
T30	25	78	54	3	007200460
T40	25	78	54	3	007200470
T45	25	78	54	3	007200472
T50	25	78	54	3	007200474
T55	25	78	54	3	007200476
T60	25	78	54	3	007200478

720TX/C6

6 impact socket drivers for Torx® head screws

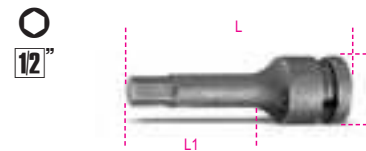


720TX/C6	T30-T40-T45 T50-T55-T60	1	007200483
-----------------	----------------------------	---	-----------

275x120x65 mm - 5700 g

720ME

impact socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm		
5	25	78	54	3	007200505
6	25	78	54	3	007200506
8	25	78	54	3	007200508
10	25	78	54	3	007200510
12	25	78	54	3	007200512
14	25	78	54	3	007200514
17	25	78	54	3	007200517
19	25	78	54	3	007200519

720ME/C8

8 impact socket drivers for hexagon screws



720ME/C8	5-6-8-10-12 14-17-19 mm	1	007200525
-----------------	----------------------------	---	-----------

270x120x45 mm - 1710 g

9899 720ME/C8	Thermoformed tray, empty	1	098990130
----------------------	--------------------------	---	-----------

720XZN

impact socket drivers for
for XZN® head screws



Ø	Ø mm	L mm	L1 mm		
M4	25	77	53	3	007201504
M5	25	77	53	3	007201505
M6	25	77	53	3	007201506
M8	25	77	53	3	007201508
M10	25	77	53	3	007201510
M12	25	77	53	3	007201512
M14	25	77	53	3	007201514
M16	25	77	53	3	007201516
M18	25	77	53	3	007201518

720/15

impact adaptor, 1/2" female
and 3/8" male drives



L mm	Ø mm	□	■		
37,5	25	1/2	3/8	3	007200810



Always apply torque loads evenly
and progressively to avoid breakage
and any possible injury.

720/16

impact adaptor, 1/2" female
and 3/4" male drives



L mm	Ø mm	□	■		
44	30	1/2	3/4	3	007200814

720/20

1/2" drive impact extension bar



L mm	Ø mm				
75	25	3			007200818

720/21

1/2" drive impact extension bar



L mm	Ø mm				
125	25	3			007200822

720/22

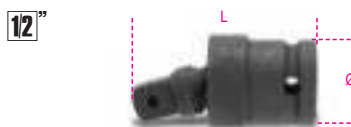
impact extension bar, 1/2" male and female
drives



L mm	Ø mm				
250	25	3			007200824

720/25

1/2" drive impact universal joint



L mm	Ø mm				
64	28	2			007200831

720/OR... - 720/SP...

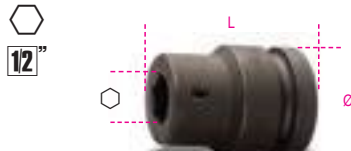
rubber O-rings and locking pins
for impact sockets



	720 mm	720TX mm			
720/OR1	10+14	T30+T60	10		007200923
720/OR2	15+36		10		007200924
720/SP1	10+14	T30+T60	10		007200913
720/SP2	15+36		10		007200914

727PI/16 1/2

impact bit holder
for items 727/ES16, 727/ES16TX and 727/
ES16XZN



Ø mm	L mm	□ mm	■		
28	42	16	1/2	2	007270015

727PI/16

impact bit holder for item 727/ES16 and 727/
ES16TX



Ø mm	L mm	□ mm	■		
44	52	16	3/4	2	007270016

727/ES16

impact hexagon bits, 16 mm drive



mm	● mm	L mm			
10	16	40	2		007270110
12	16	40	2		007270112
13	16	40	2		007270113
14	16	40	2		007270114
16	16	40	2		007270116
17	16	40	2		007270117
18	16	40	2		007270118
19	16	40	2		007270119
22	16	40	2		007270122

727/ES16TX

impact bits for Torx® head screws,
16 mm drive



□	● mm	L mm			
T55	16	50	2		007270355
T60	16	50	2		007270360
T70	16	50	2		007270370



727PI/22

impact bit holder for item 727/ES22 and 727/ES22TX



Ø	L	Ø		
mm	mm	mm		
54	70	22	2	007270022

727/ES22

impact hexagon bits, 22 mm drive



mm	Ø	L		
mm	mm	mm		
19	22	50	2	007270219
22	22	50	2	007270222
24	22	50	2	007270224
27	22	50	2	007270227
30	22	50	2	007270230
32	22	50	2	007270232

727/ES22TX

impact bits for Torx® head screws, 22 mm drive



	Ø	L		
	mm	mm		
T80	22	60	2	007270480
T90	22	60	2	007270490
T100	22	60	2	007270500

727/C16

12 impact bits and 4 accessories



727/C16			1	007270900

727PI/16				
727/ES16	14-17-19 mm			
727/ES16TX	T55-T60-T70			
727PI/22				
727/ES22	22-24-27 mm			
727/ES22TX	T80-T90-T100			
96BPC	3-4 mm			

335x145x60 mm - 3,6 kg

727PI/32

impact bit holder for item 727/ES32



Ø	L	Ø		
mm	mm	mm		
86	66	32	1	007270032

727/ES32

impact hexagon bit, 32 mm drive



mm	Ø	L		
mm	mm	mm		
19	32	44	2	007270519
22	32	44	2	007270522
24	32	44	2	007270524
27	32	44	2	007270527
30	32	44	2	007270530
32	32	44	2	007270532
36	32	44	2	007270536

728

impact sockets, standard series



UNI/ISO 2725 DIN 3129

Ø	Ø	L	Ø1		
mm	mm	mm	mm		
17	30,0	51	44	2	007280017
18	31,0	51	44	2	007280018
19	32,5	51	44	2	007280019
21	35,0	51	44	2	007280021
22	36,0	51	44	2	007280022
23	37,5	51	44	2	007280023
24	38,5	51	44	2	007280024
27	42,5	53	44	2	007280027
28	44,0	53	44	2	007280028
30	46,0	53	44	2	007280030
32	48,5	57	44	2	007280032
33	50,0	57	44	2	007280033
34	51,0	57	44	2	007280034
35	52,5	57	44	2	007280035
36	53,5	57	44	2	007280036
38	56,0	57	44	1	007280038
40	58,5	58	44	1	007280040
41	60,0	58	44	1	007280041
44	64,0	62	44	1	007280044
45	65,0	62	44	1	007280045
46	66,0	62	44	1	007280046
50	71,0	68	54	1	007280050
55	77,5	71	54	1	007280055
60	83,0	73	54	1	007280060
65	88,0	78	54	1	007280065



728/C10

10 impact sockets



728/C10				
17-19-22-24-27-30				
32-36-41-46 mm				
			1	007280910

275x120x65 mm - 5,7 kg

728B

bi-hex impact sockets



UNI/ISO 2725 DIN 3129

Ø	Ø	L	Ø1		
mm	mm	mm	mm		
17	28,5	50	38	2	007280117
19	30	52	38	2	007280119
21	32	52	38	2	007280121
22	34	52	38	2	007280122
23	35	52	38	2	007280123
24	36	52	38	2	007280124
27	40	52	40	2	007280127
29	42	52	42	2	007280129
30	44	52	44	2	007280130
32	48	52	44	2	007280132
33	50	56	44	2	007280133
34	51	56	44	2	007280134
35	52	56	44	2	007280135
36	53,5	56	44	2	007280136
38	56	56	44	1	007280138
41	60	58	44	1	007280141
46	67	63	44	1	007280146

728AS

impact sockets, standard series



Ø	Ø	L	Ø1		
mm	mm	mm	mm		
3/4	32,0	51	41	1	007280219
13/16	35,0	51	41	1	007280221
7/8	36,0	51	41	1	007280222
15/16	38,5	51	41	1	007280224
1	40,0	53	41	1	007280225
1.1/16	42,5	53	44	1	007280227
1.1/8	44,0	53	44	1	007280230
1.1/4	48,5	57	44	1	007280232
1.5/16	50,0	57	44	1	007280233
1.7/16	53,5	57	44	1	007280236
1.1/2	56,0	57	44	1	007280238
1.5/8	60,0	58	44	1	007280241

728FTX

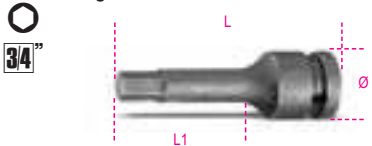
impact sockets, for Torx® head screws



	Ø mm	L mm	Ø1 mm		
E20	28,5	50	44	2	007280420
E22	30,0	50	44	2	007280422
E24	32,5	50	44	2	007280424

728ME

impact socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm		
12	44	100	67	3	007280712
14	44	100	67	3	007280714
17	44	100	67	3	007280717
19	44	100	67	3	007280719
22	44	100	67	3	007280722
24	44	100	67	3	007280724

728L

impact sockets, long series



mm	Ø mm	L mm	Ø1 mm		
17	30	90	44	2	007280317
19	32,5	90	44	2	007280319
21	35,0	90	44	2	007280321
22	36,0	90	44	2	007280322
24	38,5	90	44	2	007280324
26	41,0	90	44	2	007280326
27	42,5	90	44	2	007280327
30	46,0	90	44	2	007280330
32	48,5	90	44	2	007280332
33	50,0	90	44	1	007280333
34	51,0	90	44	1	007280334
36	53,5	90	44	1	007280336
38	56,0	90	44	1	007280338
41	60,0	90	44	1	007280341
44	64,0	90	44	1	007280344
46	66,0	90	44	1	007280346
50	71,0	90	44	1	007280350
55	77,5	100	54	1	007280355



728L/S3				1	007280393
30-32-36 mm					

728LS

impact sockets, long slim series



mm	Ø mm	L mm	Ø1 mm		
17	28,0	100	43	2	007280517
19	30,5	100	43	2	007280519
22	34,3	100	43	2	007280522
24	36,8	100	43	2	007280524
27	40,5	100	43	2	007280527
30	44,3	100	43	2	007280530
32	46,8	100	43	2	007280532
33	48,0	100	43	2	007280533
36	51,8	100	43	1	007280536

728LQ

impact sockets, long series

(for ISUZU wheel nuts)



mm	L mm	Ø mm	Ø1 mm		
19	90	35	43,5	1	007280619
21	90	42	43,5	1	007280621

728/15

impact adaptor, 3/4" female and 1/2" male drives



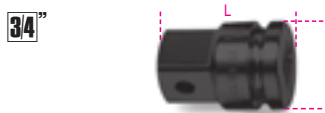
L mm	Ø mm	□	■		
58	38	3/4	1/2	2	007280810



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

728/16

impact adaptor, 3/4" female and 1" male drives



L mm	Ø mm	□	■		
62	44	3/4	1	2	007280813

728/21

3/4" drive impact extension bar



L mm	Ø mm				
175	44			2	007280815

728/22

3/4" drive impact extension bar



L mm	Ø mm				
250	44			2	007280825

728/22L

3/4" drive impact extension bar



L mm	Ø mm				
330	44			1	007280826

728/25

3/4" drive impact universal joint



L mm	Ø mm				
107,5	44			1	007280830

728/OR - 728/SP

rubber O-rings and locking pins for impact sockets



	728 mm	728FTX mm			
728/OR	728/15		5	007280925	
728/OR	17+46	E20+E24	10	007280926	
728/SP	17+46	E20+E24	10	007280916	

729

impact sockets, standard series



UNI/ISO 2725 DIN 3129

mm	Ø mm	L mm	Ø1 mm		
24	41,5	58	54	1	007290024
27	45,0	60	54	1	007290027
30	49,0	62	54	1	007290030
32	51,5	63	54	1	007290032
33	52,5	63	54	1	007290033
34	54,0	63	54	1	007290034
36	56,5	66	54	1	007290036
38	59,0	66	54	1	007290038
41	62,5	68	54	1	007290041
46	69,0	72	54	1	007290046
50	74,0	76	54	1	007290050
55	80,0	84	54	1	007290055
60	86,5	88	54	1	007290060
65	92,5	92	54	1	007290065
70	99,0	96	54	1	007290070
75	105,0	102	63	1	007290075
80	111,5	102	63	1	007290080

729L

impact sockets, long series



mm	Ø	L	Ø1		
mm	mm	mm	mm		
24	41,5	108	54	1	007290324
27	45,0	108	54	1	007290327
30	49,0	108	54	1	007290330
32	51,5	108	54	1	007290332
33	52,2	108	54	1	007290333
34	54,0	108	54	1	007290334
36	56,5	108	54	1	007290336
41	62,5	108	54	1	007290341
46	69,0	108	54	1	007290346
50	74,0	108	54	1	007290350
55	80,0	108	54	1	007290355
60	86,5	108	54	1	007290360
65	92,5	108	54	1	007290365
70	99,0	108	54	1	007290370
75	105,0	108	63	1	007290375
80	111,5	108	63	1	007290380

729LS

impact sockets, long slim series



mm	Ø	L	Ø1		
mm	mm	mm	mm		
22	36,0	108	53	1	007290522
24	38,5	108	53	1	007290524
27	46,0	108	53	1	007290527
30	50,0	108	53	1	007290530
32	50,0	108	53	1	007290532
33	52,0	108	53	1	007290533
36	56,0	108	53	1	007290536

729T

impact torsion bars for wheel nuts



mm	Nm	L		
mm		mm		
24	350	300	1	007290724
27	450	300	1	007290757
30	500	300	1	007290730
32	450	300	1	007290732
32	600	300	1	007290762
33	600	300	1	007290763
36	600	300	1	007290736

729/15

impact adaptor, 1" female and 3/4" male drives



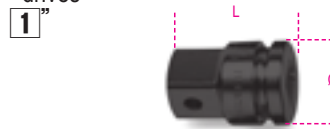
L	Ø			
mm	mm	□	■	
66,5	54	1	3/4	1 007290810



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

729/16

impact adaptor, 1" female and 1.1/2" male drives



L	Ø			
mm	mm	□	■	
88	54,0	1	1.1/2	1 007290813

729/21

1" drive impact extension bar



L	Ø			
mm	mm			
175	54			1 007290815

729/21L

impact extension bar, 1" male and female square drives



L	Ø			
mm	mm			
250	54			1 007290826

729/22

1" drive impact extension bar



L	Ø			
mm	mm			
330	54			1 007290825

729/25

1" drive impact universal joint



L	Ø			
mm	mm			
130	54			1 007290830

729/OR... - 729/SP...

rubber O-rings and locking pins for impact sockets



	728	729-730		
	mm	mm		
729/OR1	50+60	24+70	5	007290927
729/OR2	75+125		5	007290928
729/SP1	50+60	24+70	5	007290917
729/SP2	75+125		5	007290918

730

impact sockets, standard series



UNI/ISO 2725 DIN 3129

mm	Ø	L	Ø1		
mm	mm	mm	mm		
50	81	87	84	1	007300050
55	88	90	86	1	007300055
60	94	95	86	1	007300060
65	100	100	86	1	007300065
70	106	105	86	1	007300070
75	113	110	86	1	007300075
80	119	115	86	1	007300080
85	125	120	86	1	007300085
90	132	125	86	1	007300090
95	138	125	96	1	007300095
100	144	130	96	1	007300100
105	150	135	96	1	007300105
110	157	140	96	1	007300110
115	163	140	96	1	007300115
120	169	145	96	1	007300120
125	175	145	96	1	007300125

730L

hexagon impact sockets, long series



mm	Ø	L	Ø1		
mm	mm	mm	mm		
50	81	135	86	1	007300350
55	87	140	86	1	007300355
60	93	150	86	1	007300360
65	97	150	86	1	007300365
70	105	160	86	1	007300370
75	110	170	86	1	007300375
80	116	170	86	1	007300380
85	125	170	86	1	007300385
90	130	170	86	1	007300390
95	137	180	95	1	007300395
100	144	190	95	1	007300400
105	150	190	95	1	007300405
110	156	200	95	1	007300410
115	160	200	95	1	007300415
120	168	210	95	1	007300420

730/15

adaptor

1 1/2"



L mm	∅ mm	□	■	
105	84,0	1.1/2	1	1 007300810

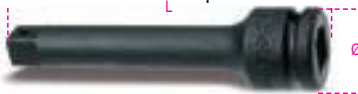


Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

730/21

impact extension bar,
1.1/2" male and female square drives

1 1/2"



L mm	∅ mm	
250	86	1 007300822

730/25

drive impact universal joint, 1.1/2" male and female square drives

1 1/2"



L mm	∅ mm	
150	86	1 007300830

733/15

adaptor

2 1/2"



L mm	∅ mm	□	■	
156	127	2.1/2	1.1/2	1 007330810

BITS

1/4"	5/16"	10 mm
●	●	○
+	+	☆
+	+	☆
○	○	○
☆	☆	☆
☆	☆	☆
○		
+		
○		
○		

ISO 1173-C 6,3



retainer spring seat

ISO 1173-E 6,3



retainer ball slot

851

magnetic bit holder with handle

14



L1 mm	L mm	
45	165	2 008510165
125	245	2 008510245

851SR

quick release bit holder with handle

14

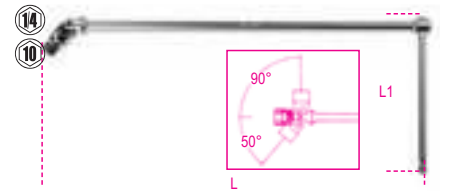


L mm	L1 mm	
230	110	2 008510001

852

bit holder with articulated T handle

14



∅	L mm	L1 mm	
1/4"	400	160	2 008520006
10 mm	400	160	2 008520010

855P

reversible ratchet bit holder with articulated handle, and 7 built-in bits

14



L mm	L1 mm	
240	100	1 008550010

- 860PH PH1 - PH2
- 860PZ PZ1 - PZ2
- 860LP LP 0,8x5,5 mm
- 860PE 4 - 5 mm

860LP

bits for slotted head screws, coloured

14

14



ISO 2351-1
ISO 1173 C 6,3

SxA mm	L mm	
0,5x3	25	5 008600005
0,6x4,5	25	5 008600010
0,8x5,5	25	5 008600015
1x5,5	25	5 008600020
1,2x6,5	25	5 008600025

860PH

bits for cross head Phillips® screws, coloured

14

14



ISO 2351-2
ISO 1173 C 6,3

PH	L mm	
0	25	5 008600220
1	25	5 008600225
2	25	5 008600230
3	25	5 008600245
4	25	5 008600250



860PZ

bits for cross head Pozidriv® - Supadriv® screws, coloured



ISO 2351-2
ISO 1173 C 6,3

PZ	L mm	Quantity	Part No.
1	25	5	008600320
2	25	5	008600325
3	25	5	008600330
4	25	5	008600335

860PE

hexagon bits for power drivers, coloured



ISO 2351-3
ISO 1173 C 6,3

mm	L mm	Quantity	Part No.
2	25	5	008600101
2,5	25	5	008600102
3	25	5	008600103
4	25	5	008600104
5	25	5	008600105
6	25	5	008600106
8	25	5	008600108
10	25	5	008600110

860TX

bits for Torx® head screws, coloured



ISO 1173 C 6,3

Symbol	L mm	Quantity	Part No.
T6	25	5	008600704
T7	25	5	008600705
T8	25	5	008600710
T9	25	5	008600715
T10	25	5	008600720
T15	25	5	008600725
T20	25	5	008600730
T25	25	5	008600735
T27	25	5	008600740
T30	25	5	008600745
T40	25	5	008600750

860RTX

bits for Tamper Resistant Torx® head screws, coloured



ISO 1173 C 6,3

Symbol	L mm	Quantity	Part No.
T9	25	5	008600550
T10	25	5	008600555
T15	25	5	008600560
T20	25	5	008600565
T25	25	5	008600570
T27	25	5	008600575
T30	25	5	008600580
T40	25	5	008600585

860/55

reversible bit ratchet



L mm 100
1/4
3 008600870

860/58

bit ratchet with rotating handle

- Bit can be fitted onto both sides, for screwing or unscrewing
- Bi-material handle



L mm 126
1/4" 27
15
1 008600884

860/C27

25 bits, 1 connector and 1 reversible ratchet in plastic case



860/C27 1 008600880

860/55	100 mm
860LP	0,5x3-1,0x5,5-1,2x6,5 mm
860PH	PH1-PH2(x2)-PH3
860PZ	PZ1-PZ2(x2)-PZ3
860PE	2-2,5-3-4-5-6 mm
860TX	T6-T8-T10-T15-T20-T25-T30-T40
892/0	● 1/4 ■ 1/4

860PHZ/A10

set of 10 bits with magnetic bit holder in plastic case



860PHZ/A10 1 008600910

860PH	PH1 PH2 PH3	n. 1 3 1
860PZ	PZ1 PZ2 PZ3	1 3 3
882M1	○ 1/4 ● 1/4	1

860PE/A10

set of 10 bits with magnetic bit holder in plastic case



860PE/A10 1 008600920

860PE	2-2,5 mm	n. 1
882M1	3-4-5-6 mm ○ 1/4 ● 1/4	2

860TX/A10

set of 10 bits with magnetic bit holder in plastic case



860TX/A10 1 008600970

860TX	T7 - T8 - T9 - T10 - T15 - T20 T25 - T27 - T30 - T40	n. 1
882M1	○ 1/4 ● 1/4	

860MIX/A10

set of 10 bits with magnetic bit holder in plastic case



860MIX/A10 1 008600900

860LP	0,5x3 - 1x5,5 - 1,2x6,5 mm	n. 1
860PH	PH1 PH2 PH3	1 2 1
860PZ	PZ1 - PZ2 - PZ3	1
882M1	○ 1/4 ● 1/4	



860MIX/A31

set of 30 bits with magnetic quick release bit holder in plastic case



860MIX/A31



1 008600902

	● 860LP	0,5x3 - 0,6x4,5 - 0,8x5,5 1,0x5,5 - 1,2x6,5 mm
	○ 860PE	2 - 2,5 - 3 - 4 - 5 - 6 8 - 10 mm
	⊕ 860PH	PH0 - PH1 - PH2 - PH3 - PH4
	⊕ 860PZ	PZ1 - PZ2 - PZ3 - PZ4
	⊕ 860RTX	T9 - T10 - T15 - T20 T25 - T27 - T30 - T40
	● 882MSR 50	○ 1/4 ● 1/4

860/C38P

1 reversible ratchet bit holder with articulated handle, 27 bits, 8 hexagon sockets and 2 accessories



860/C38P



1 008600878

	● 860LP	0,6x4,5-0,8x5,5-1,0x5,5- 1,2x6,5 mm
	○ 860PE	2-2,5-3-4(x2)-5(x2) mm
	⊕ 860PH	PH1(x2)-PH2(x2)-PH3
	⊕ 860PZ	PZ1(x2)-PZ2(x2)-PZ3
	⊕ 860TX	T10-T15-T20-T25-T30-T40
	○ 900	5-5,5-6-7-8-9-10-13 mm
	● 1/4 ■ 1/4	
	● 1/4 ■ 1/4	
	⊕ 855P	240 mm

270x120x45 mm

861LP

bits for slotted head screws



ISO 2351-1

ISO 1173 C 6,3

SxA mm	L mm		
0,5x3	25	10	008610005
0,6x4	25	10	008610007
0,6x4,5	25	10	008610010
0,8x5,5	25	10	008610015
1x5,5	25	10	008610020
1,2x6,5	25	10	008610025
1,2x8	25	10	008610028
1,6x8	25	10	008610030

861PH

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 C 6,3

PH	L mm		
0	25	10	008610200
1	25	10	008610205
2	25	10	008610210
2L	50	10	008610213
3	25	10	008610215
4	25	10	008610220

861PH/C

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 C 6,3

PH	L mm		
0	25	200	008610250
1	25	200	008610255
2	25	200	008610260
2L	50	100	008610263
3	25	200	008610265
4	25	100	008610270

861PZ

bits for cross head
Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 C 6,3

PZ	L mm		
1	25	10	008610300
2	25	10	008610305
2L	50	10	008610308
3	25	10	008610310
4	25	10	008610315

861PZ/C

bits for cross head
Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 C 6,3

PZ	L mm		
1	25	200	008610350
2	25	200	008610355
2L	50	100	008610358
3	25	200	008610360
4	25	100	008610365

861PE

hexagon bits for power drivers



ISO 2351-3

ISO 1173 C 6,3

mm	L mm		
2	25	10	008610100
2,5	25	10	008610105
3	25	10	008610110
4	25	10	008610115
5	25	10	008610120
6	25	10	008610125
8	25	10	008610130
10	25	10	008610135

861TX

bits for Torx® head screws



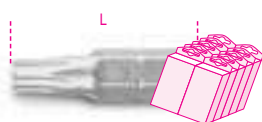
ISO 1173 C 6,3

	L mm		
T5	25	10	008610399
T6	25	10	008610400
T7	25	10	008610405
T8	25	10	008610410
T9	25	10	008610415
T10	25	10	008610420
T15	25	10	008610425
T20	25	10	008610430
T25	25	10	008610435
T27	25	10	008610440
T30	25	10	008610445
T40	25	10	008610450



861TX/C

bits for Torx® head screws



ISO 1173 C 6,3

	L mm		
T10	25	200	008610470
T15	25	200	008610475
T20	25	200	008610480
T25	25	200	008610485
T27	25	200	008610490
T30	25	200	008610495
T40	25	200	008610499

861RTX

bits for Tamper Resistant Torx® head screws



ISO 1173 C 6,3

	L mm		
T6	25	10	008610537
T7	25	10	008610538
T8	25	10	008610540
T9	25	10	008610500
T10	25	10	008610505
T15	25	10	008610510
T20	25	10	008610515
T25	25	10	008610520
T27	25	10	008610525
T30	25	10	008610530
T40	25	10	008610535
T45	25	10	008610539

861RIBE

bits for RIBE® screws



ISO 1173 C 6,3

	L mm		
M5	25	10	008610705
M6	25	10	008610706
M7	25	10	008610707
M8	25	10	008610708
M9	25	10	008610709

861TRW

bits for Tri-Wing® head screws



ISO 1173 C 6,3

	L mm		
GR 1	25	10	008610601
2	25	10	008610602
3	25	10	008610603
4	25	10	008610604
5	25	10	008610605
6	25	10	008610606

861TQS

bits for Torq-Set® head screws



ISO 1173 C 6,3

	L mm		
GR 0	25	10	008610620
1	25	10	008610621
2	25	10	008610622
3	25	10	008610623
4	25	10	008610624
5	25	10	008610625
6	25	10	008610626
8	25	10	008610628
10	25	10	008610630

861SP

bits for Spanner screws



ISO 1173 C 6,3

	D mm	L mm		
SP 4	1,5	25	10	008610650
6	2,4	25	10	008610653
8	2,8	25	10	008610656
10	3,3	25	10	008610658
12	3,9	25	10	008610660

1483KV-PT/S7



1483KV PT/S7

188

861XZN

bits for XZN® screws



ISO 1173 C 6,3

	L mm		
M5	25	10	008610725
M6	25	10	008610726
M8	25	10	008610728

861/C61P

61 bits and 1 magnetic quick release bit holder



861/C61P

1 008610978

	● 861LP	0,5x3 - 0,6x4,5 - 0,8x5,5 - 1,0x5,5 1,2x6,5 - 1,2x8 - 1,6x8 mm
	○ 861PE	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
	⊕ 861PH	PH0 - PH1 - PH2 - PH3
	⊕ 861PZ	PZ1 - PZ2 - PZ3
	⊕ 861TX	T6 - T7 - T8 - T9 - T10 - T15 T20 - T25 - T27 - T30 - T40
	⊕ 861RTX	T9 - T10 - T15 - T20 - T25 T27 - T30 - T40
	⊕ 861TRW	1 - 2 - 3 - 4 - 5 - 6
	⊕ 861TQS	0 - 1 - 2 - 3 - 4 - 5 - 6 - 8 - 10
	⊕ 861SP	4 - 6 - 8 - 10 - 12
	○ 851SR	1/4"

270x120x45 mm - 975 g

862LP

bits for slotted head screws



ISO 2351-1

ISO 1173 E 6,3

SxA mm	L mm		
0,5x3	50	5	008620005
0,6x4,5	50	5	008620010
0,8x5,5	50	5	008620015
1x5,5	50	5	008620020
1,2x6,5	50	5	008620025
1,2x8	50	5	008620030
1,6x8	50	5	008620035

862PH

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 E 6,3

PH	L mm		
1	50	5	008620200
2	50	5	008620205
3	50	5	008620210



862PH/L

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 E 6,3

PH	L mm	5	008620230
1	70	5	008620230
2	70	5	008620232
3	70	5	008620234

862PH-XL

bits for cross head Phillips® screws



ISO 2351-2/ISO 1173 E 6,3

PH	L mm	5	008620250
1	100	5	008620250
2	100	5	008620252
3	100	5	008620254

862PZ

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 E 6,3

PZ	L mm	5	008620300
1	50	5	008620300
2	50	5	008620305
3	50	5	008620310

862PE

hexagon bits for power drivers



ISO 2351-3

ISO 1173 E 6,3

mm	L mm	5	008620103
3	50	5	008620103
4	50	5	008620104
5	50	5	008620105
6	50	5	008620106
8	50	5	008620108

862TX

bits for Torx® head screws



ISO 1173 E 6,3

	L mm	5	008620506
T6	50	5	008620506
T7	50	5	008620507
T8	50	5	008620508
T9	50	5	008620509
T10	50	5	008620510
T15	50	5	008620515
T20	50	5	008620520
T25	50	5	008620525
T27	50	5	008620527
T30	50	5	008620530
T40	50	5	008620540

862TX/L

bits for Torx® head screws



ISO 1173 E 6,3

	L mm	5	008620556
T6	70	5	008620556
T7	70	5	008620557
T8	70	5	008620558
T9	70	5	008620559
T10	70	5	008620560
T15	70	5	008620565
T20	70	5	008620570
T25	70	5	008620575
T27	70	5	008620577
T30	70	5	008620580
T40	70	5	008620590

862TX-XL

bits for Torx® head screws



ISO 1173 E 6,3

	L mm	5	008620659
T9	100	5	008620659
T10	100	5	008620660
T15	100	5	008620665
T20	100	5	008620670
T25	100	5	008620675
T27	100	5	008620677
T30	100	5	008620680
T40	100	5	008620690

862F

magnetic bits, hexagon sockets



ISO 1173 E 6,3

mm	L mm	Ø mm	5	008620405
5,5	65	11	5	008620405
6	65	11	5	008620406
7	65	11	5	008620407
8	65	13	5	008620408
10	65	15	5	008620410
12	65	18	5	008620412
13	65	18	5	008620413

862F/A7

7 magnetic bits, hexagon sockets, in plastic case



862F/A7

1 008620950

862F 5,5-6-7-8-10-12-13 mm

866LP

bits for slotted head screws



ISO 2351-1
ISO 1173 C 8

SxA mm	L mm	10	008660005
1x5,5	41	10	008660005
1,2x6,5	41	10	008660010
1,6x8	41	10	008660015
1,6x10	41	10	008660020
2x12	41	10	008660025

866PH

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 C 8

PH	L mm	10	008660200
1	32	10	008660200
2	32	10	008660205
3	32	10	008660210
4	38	10	008660215

866PZ

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 C 8

PZ	L mm	10	008660300
1	32	10	008660300
2	32	10	008660305
3	32	10	008660310
4	38	10	008660315

866PE

hexagon bits for power drivers



ISO 2351-3
ISO 1173 C 8

mm	L mm		
3	30	10	008660100
4	30	10	008660105
5	30	10	008660110
6	30	10	008660115
7	30	10	008660117
8	30	10	008660120
10	30	10	008660125
12	30	10	008660132
14	30	10	008660134

866TX

bits for Torx® head screws



ISO 1173 C 8

	L mm		
T20	30	10	008660400
T25	30	10	008660405
T27	30	10	008660410
T30	30	10	008660415
T40	30	10	008660420
T45	30	10	008660425
T50	30	10	008660430
T55	30	10	008660435
T60	30	10	008660440
T70	30	10	008660445

866RTX

bits for Tamper Resistant Torx® head screws



ISO 1173 C 8

	L mm		
T40	30	10	008660520
T45	30	10	008660525
T50	30	10	008660530
T55	30	10	008660535
T60	30	10	008660540
T70	30	10	008660545

867PE

hexagon bits



mm	L mm		
4	30	5	008670104
5	30	5	008670105
6	30	5	008670106
7	30	5	008670107
8	30	5	008670108
10	30	5	008670110
12	30	5	008670112

867PE/L

hexagon bits



mm	L mm		
4	75	5	008670154
5	75	5	008670155
6	75	5	008670156
7	75	5	008670157
8	75	5	008670158
10	75	5	008670160
12	75	5	008670162

867XZN

bits with XZN® profile



	L mm		
M4	30	5	008670204
M5	30	5	008670205
M6	30	5	008670206
M8	30	5	008670208
M10	30	5	008670210
M12	30	5	008670212

867XZN/L

bits with XZN® profile



	L mm		
M5	75	5	008670255
M6	75	5	008670256
M8	75	5	008670258
M10	75	5	008670260
M12	75	5	008670262

867TX

bits for Torx® head screws



	L mm		
T20	30	5	008670400
T25	30	5	008670405
T30	30	5	008670410
T40	30	5	008670415
T45	30	5	008670420
T50	30	5	008670425
T55	30	5	008670430

867TX/L

bits for Torx® head screws



	L mm		
T20	75	5	008670450
T25	75	5	008670455
T30	75	5	008670460
T40	75	5	008670465
T45	75	5	008670470
T50	75	5	008670475
T55	75	5	008670480

867RTX

bits for Tamper Resistant Torx® head screws



	L mm		
T20	30	5	008670500
T25	30	5	008670505
T30	30	5	008670510
T40	30	5	008670515
T45	30	5	008670520
T50	30	5	008670525
T55	30	5	008670530

867RTX/L

bits for Tamper Resistant Torx® head screws



	L mm		
T20	75	5	008670550
T25	75	5	008670555
T30	75	5	008670560
T40	75	5	008670565
T45	75	5	008670570
T50	75	5	008670575
T55	75	5	008670580

867RIBE

bits for RIBE® screws



	L mm		
M5	30	5	008670705
M6	30	5	008670706
M7	30	5	008670707
M8	30	5	008670708
M9	30	5	008670709
M10	30	5	008670710
M11	30	5	008670711
M12	30	5	008670712
M13	30	5	008670713

867RIBE/L

bits for RIBE® screws



	L		
	mm		
M5	75	5	008670755
M6	75	5	008670756
M7	75	5	008670757
M8	75	5	008670758
M9	75	5	008670759
M10	75	5	008670760
M11	75	5	008670761
M12	75	5	008670762
M13	75	5	008670763

867/...

bit holder sockets for item 867



	mm	□	L	Ø	
	mm	mm	mm	mm	
867/1	10	3/8"	38	17	5 008670600
867/2	10	1/2"	38	22	5 008670601

867/C20

18 bits for RIBE® screws, with 10 mm hexagon drive and 2 accessories



867/C20 1 008670920

- 867RIBE 5-6-7-8-9-10-11-12-13 mm
- 867RIBE/L 5-6-7-8-9-10-11-12-13 mm
- 867/1
- 867/2

335x145x60 mm - 1,7 kg

867/C38

38 hexagon bits, 10 mm, 1 bit holder with articulated T handle



867/C38 1 008670938

- 852 10 mm
- 867PE 4-5-6-7-8-10-12mm
- 867PE/L 4-5-6-7-8-10-12mm
- 867XZN M5-M6-M8-M10-M12
- 867XZN/L M5-M6-M8-M10-M12
- 867TX T20-T25-T30-T40-T45-T50-T55
- 867TX/L T20-T25-T30-T40-T45-T50-T55
- 882

420x185x60 mm - 3 kg

867/C52

52 hexagon bits, 10 mm and 2 accessories



867/C52 1 008670901

- 867PE 4-5-6-7-8-10-12 mm
- 867PE/L 4-5-6-7-8-10-12 mm
- 867XZN M5-M6-M8-M10-M12
- 867XZN/L M5-M6-M8-M10-M12
- 867TX T20-T25-T30-T40-T45-T50-T55
- 867TX/L T20-T25-T30-T40-T45-T50-T55
- 867RTX T20-T25-T30-T40-T45-T50-T55
- 867RTX/L T20-T25-T30-T40-T45-T50-T55
- 867/1 ○ 10 mm - □ 3/8"
- 867/2 ○ 10 mm - □ 1/2"

250x170x70 mm - 2,1 kg

852



852 78,116

882

bit holder with retaining ring for drivers



ISO 1173 E 6,3

L	○	●	Ø	
mm	mm	mm	mm	
57	1/4	1/4	11	5 008820001

882AN

bevel gearbox, 1/4" hexagon drive

- For electric drills with 10 mm and 13 mm spindles and 1/4" impact wrenches
- Max. speed: 3600 rpm
- Max. torque: 30 Nm
- With quick change bit holder
- Gear ratio: 1:1
- Connection to tool through 1/4" hexagon D6.3



ISO 1173 E 6,3
ISO 1173 C 6,3

L	○	●	
mm	mm	mm	
137	1/4	1/4	1 008820090

882M1

magnetic bit holder



ISO 1173 E 6,3

L	○	●	Ø	
mm	mm	mm	mm	
50	1/4	1/4	11	5 008820006

882M

magnetic bit holder



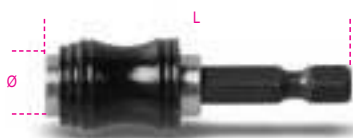
ISO 1173 E 6,3

L	○	●	Ø	
mm	mm	mm	mm	
75	1/4	1/4	11	5 008820005

Beta

882MSR

magnetic quick release bit holder for drivers



ISO 1173 E 6,3

L mm	○	●	∅ mm		
50	1/4	1/4	11	5	008820205
75	1/4	1/4	11	5	008820207

882P

magnetic bit holder extension bar



L mm	●	○	∅ mm		
80	1/4	1/4	10	5	008820080

892

adaptors for drivers



	■	●	L mm		
892/0	1/4	1/4	25	5	008920000
* 892/1	1/4	5,5	50	5	008920001
* 892/2	3/8	5,5	50	5	008920002
° 892/3	1/4	1/4	50	5	008920003
° 892/4	3/8	1/4	50	5	008920004
892/5	1/4	5/16	75	5	008920005
892/6	3/8	5/16	75	5	008920006
892/7	1/2	1/4	75	5	008920007

* ISO 1173 A 5,5
° ISO 1173 C 6,3



895

socket holder for bits
item 861 - 862 - 866



DIN 7427

	○	□	L mm	∅ mm		
895/1	1/4	1/4	25,4	12	5	008950000
895/3	1/4	3/8	29	16,8	5	008950001
895/4	5/16	3/8	29	16,8	5	008950002
895/5	1/4	1/2	38	22	5	008950005
895/6	5/16	1/2	38	22	5	008950003

897

flexible bit holder with handle



L mm	L1 mm		
280	154	2	008970010

897L

flexible bit holder with handle, long model



L mm	L1 mm		
500	380	2	008970015

RATCHETS 9XX/55

Compact head



Operates in small spaces, at an angle of no more than 5°, thanks to the 72-tooth ring gear



Prevents slipping or releasing under tension

- Pressing of hand on ratchet head does not cause reversal and always allows free lever return
- One-handed reversal
- Outstanding mechanical characteristics



Reduced work load, 17 teeth in contact with gear at all times

900

hexagon hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	
3,2	6,6	25	11,8	10 009000032
4	6,8	25	11,8	10 009000040
4,5	7,4	25	11,8	10 009000045
5	8,0	25	11,8	10 009000050
5,5	8,7	25	11,8	10 009000055
6	9,3	25	11,8	10 009000060
7	10,4	25	11,8	10 009000070
8	11,8	25	12,7	10 009000080
9	12,7	25	11,8	10 009000090
10	14,2	25	12,0	10 009000100
11	15,8	25	12,5	10 009000110
12	17,2	25	13,5	10 009000120
13	18,0	25	13,5	10 009000130
14	20,0	25	15,0	10 009000140



900/SB13
4-4,5-5-5,5-6-7-8-9
10-11-12-13-14 mm 1 009000150

900MC

hexagon hand sockets, coloured



mm	L	Ø	Ø1	
4	24,8	6,7	11,8	5 009002040
5	24,8	8,0	11,8	5 009002050
6	24,8	9,2	11,8	5 009002060
7	24,8	10,7	11,8	5 009002070
8	24,8	11,8	11,8	5 009002080
9	24,8	12,8	12,8	5 009002090
10	24,8	14,8	14,8	5 009002100
11	24,8	15,8	15,8	5 009002110
12	24,8	16,8	16,8	5 009002120
13	24,8	17,8	17,8	5 009002130
14	24,8	19,5	19,5	5 009002140



900MB

bi-hex hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	
4	6,7	22	11,2	5 009000160
5	7,7	25	11,2	5 009000161
5,5	8,3	25	11,2	5 009000162
6	9,0	25	11,2	5 009000163
7	10,2	25	11,2	5 009000164
8	11,3	25	12,0	5 009000165
9	13,0	25	12,0	5 009000166
10	14,3	25	12,9	5 009000167
11	16,0	25	14,3	5 009000168
12	17,4	25	16,0	5 009000169
13	18,0	25	16,4	5 009000170
14	19,3	25	17,9	5 009000171



900MB/SB12
4-5-5,5-6-7-8-9-10
11-12-13-14 mm 1 009000179

900L

hexagon hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	
4	6,5	50	12,0	5 009000181
4,5	7,0	50	12,0	5 009000182
5	7,5	50	12,0	5 009000183
5,5	8,5	50	12,0	5 009000184
6	9,5	50	12,0	5 009000185
7	10,5	50	12,0	5 009000186
8	12,0	50	12,0	5 009000187
9	13,0	50	13,0	5 009000188
10	14,0	50	14,0	5 009000189
11	16,0	50	16,0	5 009000190
12	17,5	50	17,5	5 009000191
13	17,5	50	17,5	5 009000192
14	20,0	50	20,0	5 009000193



900L/SB13
4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm 1 009000203

900MB/L

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	
5	8,0	50	12,0	3 009000211
6	9,3	50	12,0	3 009000212
7	10,9	50	12,0	3 009000213
8	11,6	50	12,0	3 009000214
9	13,0	50	12,0	3 009000215
10	14,3	50	12,8	3 009000216
11	16,0	50	14,2	3 009000217
12	17,4	50	15,5	3 009000218
13	18,0	50	16,2	3 009000219
14	19,0	50	17,1	3 009000220

900AS

hexagon hand sockets



mm	Ø	L	Ø1	
5/32	8,8	25	11,9	5 009000349
3/16	7,7	25	11,9	5 009000340
7/32	8,8	25	11,9	5 009000345
1/4	9,6	25	11,9	5 009000350
9/32	10,2	25	11,9	5 009000355
5/16	11,3	25	11,9	5 009000360
11/32	12,7	25	11,6	5 009000365
3/8	14,0	25	12,9	5 009000370
7/16	15,3	25	14,5	5 009000375
1/2	17,5	25	16,4	5 009000380
9/16	19,0	25	17,9	5 009000385



900AS/SB11
3/16-7/32-5/32-1/4-9/32-5/16-11/32-3/8-
7/16-1/2-9/16 1 009000389

900AS/MB

bi-hex hand sockets



SAE AS 954E

"	Ø	L	Ø1	
3/16	7,7	22	10,9	2 009000390
7/32	8,5	22	10,9	2 009000391
1/4	9,4	22	10,9	2 009000392
9/32	10,2	22	10,9	2 009000393
5/16	11,3	22	11,7	2 009000394
11/32	12,5	22	12,0	2 009000395
3/8	13,7	22	12,9	2 009000396
7/16	15,6	22	14,3	2 009000397
1/2	17,2	22	16,4	2 009000398
9/16	18,8	24	17,9	2 009000399

900AS/L

hexagon hand sockets, long series



SAE AS 954E

"	Ø mm	L mm	Ø1 mm		
3/16	7,0	50	12,0	2	009000301
7/32	8,5	50	12,0	2	009000303
1/4	9,8	50	12,0	2	009000305
9/32	10,5	50	12,0	2	009000307
5/16	12,0	50	12,0	2	009000309
11/32	13,0	50	13,0	2	009000311
3/8	14,0	50	14,0	2	009000313
7/16	16,0	50	16,0	2	009000315
1/2	17,5	50	17,5	2	009000317
9/16	20,0	50	20,0	2	009000319

900AS/MBL

bi-hex hand sockets, long series



"	Ø mm	L mm	Ø1 mm		
5/32	6,8	50	12,0	2	009000325
3/16	8,0	50	12,0	2	009000326
7/32	8,5	50	12,0	2	009000327
1/4	9,8	50	12,0	2	009000328
9/32	10,9	50	12,0	2	009000329
5/16	11,6	50	12,0	2	009000330
11/32	13,0	50	12,0	2	009000331
3/8	14,3	50	12,8	2	009000332
7/16	16,0	50	14,2	2	009000333
1/2	18,0	50	16,2	2	009000334
9/16	19,0	50	17,1	2	009000335

900U

gear lock hand sockets



mm	"	Ø	Ø1		
4	5/32	E5	M5	5	009001702
4,5	3/16	E6		5	009001703
5	13/64		M6	5	009001704
5,5	7/32	E7		5	009001705
6	1/4	E8	M8	5	009001706
7	9/32			5	009001707
8	5/16	E10	M10	5	009001708
9	11/32			5	009001709
10	3/8	E12	M12	5	009001710
11	7/16	E14	M14	5	009001711
12	15/32	E16		5	009001712
13	1/2		M16	5	009001713
14	9/16	E18	M18	5	009001714

14"

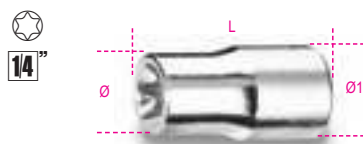


900U/SB13
4-4,5-5-5,5-6-7-8-9
10-11-12-13-14 mm

1 009001750

900FTX

hand sockets for Torx® head screws



"	Ø mm	L mm	Ø1 mm		
E4	5,4	22	11,2	5	009000404
E5	6,7	22	11,2	5	009000405
E6	7,7	22	11,2	5	009000406
E7	8,3	22	11,2	5	009000407
E8	9,6	22	11,2	5	009000408
E10	11,3	22	12,0	5	009000410
E11	12,1	22	12,5	5	009000411
E12	12,9	23	12,9	5	009000412
E14	14,0	25	14,0	5	009000414

14"

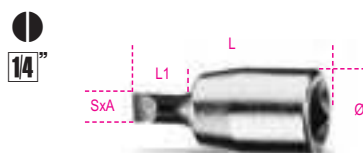


900FTX/SB9
E4-E5-E6-E7-E8
E10-E11-E12-E14

1 009000419

900LP

socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm		
0,8x4	12	28	9	5	009000605
1x5,5	12	28	9	5	009000610
1,2x6,5	12	28	9	5	009000615
1,2x8	13	28	8	5	009000620
1,6x10	14	28	8	5	009000625

900MC/LP

socket drivers for slotted head screws, coloured



SxA mm	Ø mm	L mm	L1 mm		
0,8x4	12	28	9	3	009002605
1,2x6,5	12	28	9	3	009002615
1,2x8	13	28	8	3	009002620

900PH

socket drivers for cross head Phillips® screws



PH	Ø mm	L mm	L1 mm		
1	12	28	12	5	009000701
2	12	28	12	5	009000702
3	12	28	12	5	009000703
4	13	28	11	5	009000704



900PH/SB4
PH1-PH2-PH3-PH4

1 009000708

900MC/PH

socket drivers for cross head Phillips® screws, coloured



PH	Ø mm	L mm	L1 mm		
1	12	28	12	3	009002701
2	12	28	12	3	009002702
3	12	28	12	3	009002703

900PZ

socket drivers for cross head Pozidriv®-Supadriv® screws



PZ	Ø mm	L mm		
1	12	28	3	009000711
2	12	28	3	009000712
3	12	28	3	009000713

900ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm	5	1
2,5	12	25	4,5	5 009000502	
3	12	25	5,0	5 009000503	
4	12	25	5,6	5 009000504	
5	12	25	6,3	5 009000505	
6	12	25	7,6	5 009000506	
7	13	25	7,2	5 009000507	
8	13	25	8,0	5 009000508	
10	13	25	8,7	5 009000510	



900ME/SB8	1 009000518
-----------	-------------

900PE/AS

socket drivers for hexagon screws



"	Ø mm	L mm	5	1
1/8	11,9	25	5 009000521	
5/32	11,9	25	5 009000522	
3/16	11,9	25	5 009000523	
7/32	11,9	25	5 009000524	
1/4	11,9	25	5 009000525	
9/32	13,1	25	5 009000526	
5/16	13,1	25	5 009000527	

900PT

socket drivers for 5-star head screws



PT	Ø mm	L mm	L1 mm	5	1
PT10	12	28	12	5 009000750	
PT15	12	28	12	5 009000755	
PT20	12	28	12	5 009000760	
PT25	12	28	12	5 009000765	
PT27	12	28	12	5 009000767	
PT30	12	28	12	5 009000770	

900TX

socket drivers for Torx® head screws



T	Ø mm	L mm	L1 mm	5	1
T6	12	28	12	5 009000717	
T7	12	28	12	5 009000718	
T8	12	28	12	5 009000719	
T9	12	28	12	5 009000720	
T10	12	28	12	5 009000721	
T15	12	28	12	5 009000722	
T20	12	28	12	5 009000723	
T25	12	28	12	5 009000724	
T27	12	28	12	5 009000725	
T30	12	28	12	5 009000726	
T40	12	28	12	5 009000727	



900TX/SB8	1 009000730
-----------	-------------

900MC/TX

socket drivers for Torx® head screws, coloured



T	Ø mm	L mm	L1 mm	5	1
T10	12	28	12	3 009002721	
T15	12	28	12	3 009002722	
T20	12	28	12	3 009002723	
T25	12	28	12	3 009002724	
T27	12	28	12	3 009002725	
T30	12	28	12	3 009002726	
T40	12	28	12	3 009002727	

900/16

adaptor, 1/4" female and 3/8" male drives

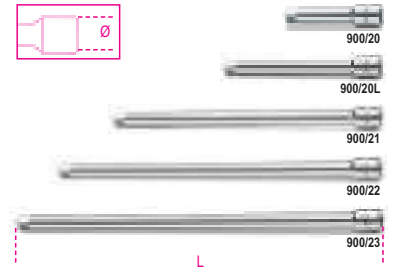


UNI/ISO 3316 DIN 3123

L mm	Ø mm	1/4"	3/8"	5	1
28	13,0	1/4	3/8	5 009000814	

900/...

1/4" female and male drive extension bars

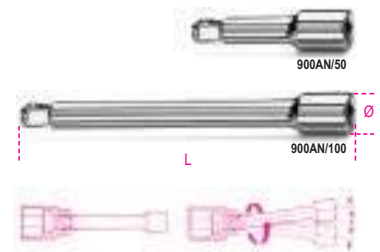


UNI/ISO 3316 DIN 3123

	L mm	Ø mm	5	1
900/20	50	11,5	5 009000818	
900/20L	100	11,5	5 009000819	
900/21	150	11,5	5 009000822	
900/22	250	11,5	5 009000823	
900/23	350	11,5	5 009000824	

900AN

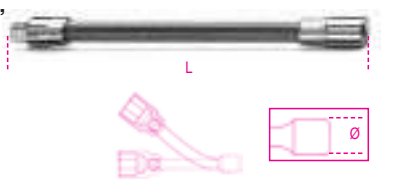
1/4" wobble extension bars



	L mm	Ø mm	5	1
900AN/50	50	11,5	3 009000825	
900AN/100	100	11,5	3 009000826	

900FL

1/4" flexible universal extension bar



L mm	Ø mm	5	1
150	12	3 009000828	

900/25

1/4" drive universal joint

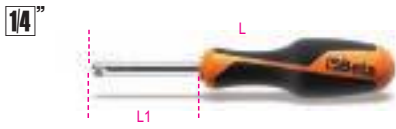


UNI/ISO 3316 DIN 3123

L mm	Ø mm	5	1
41	12,5	5 009000830	

900BG/30C

1/4" drive spinner handle

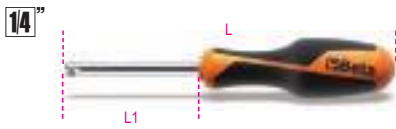


UNI/ISO 3315 DIN 3122

L	L1		
mm	mm		
128	20	5	009000833

900BG/30

1/4" drive spinner handle



UNI/ISO 3315 DIN 3122

L	L1		
mm	mm		
176	68	5	009000834

900/32

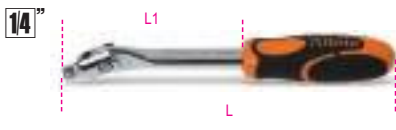
1/4" drive flexible handle



L	L1		
mm	mm		
280	154	2	009000839

900/35A

1/4" drive swivel handle



UNI/ISO 3315 DIN 3122

L	L1		
mm	mm		
148	84	5	009000840

900M/35

1/4" swivel drive with metal handle



UNI/ISO 3315
DIN 3122

L			
mm			
130		3	009000845



900/40

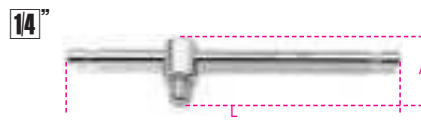
1/4" drive swivel T-handle



L	L1		
mm	mm		
390	145	3	009000843

900/42

1/4" drive sliding T-handle



UNI/ISO 3315 DIN 3122

L	A		
mm	mm		
115	22	5	009000854

900T/44

1/4" male drive, bent,
with high torque handle



L	L1		
mm	mm		
238	105	2	009000860

900/55

1/4" drive reversible ratchet, 48 teeth

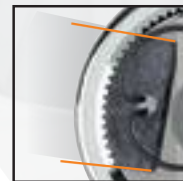


UNI/ISO 3315 DIN 3122

L	Ø	A	
mm	mm	mm	
125	25	29	5 009000870

900/55Z

72



Ratchet 900/55Z was developed by Beta's Technical Department with a new 72-tooth mechanism, 15 teeth being in contact with the gear at all times.

Therefore, the work load is distributed over a large number of teeth, thereby resulting in reduced wear of the individual parts and in an extremely long work life.



In addition, the 72 teeth ensure a take-up angle of no more than 5° and an extremely compact head, thereby providing quick access to smaller spaces as well.

Beta's ergonomic bi-material handle allows both quick use of the ratchet and the application of increased force.

900/55Z

1/4" drive reversible ratchet, 72 tooth mechanism



L	Ø	A	
mm	mm	mm	
126	25	23	3 009000882

900M/55

1/4" drive reversible ratchet with metal handle



UNI/ISO 3315			
DIN 3122			
L	Ø	A	
mm	mm	mm	
110	22	18	3 009000905

Spare parts
rotating mechanism of ratchets,
see table after item 929/C8

900/58

1/4" drive reversible ratchet with rotating handle, 52 tooth mechanism

- Socket release button
- Ring nut reversal system on ratchet head
- Bi-material handle



L	Ø	A	
mm	mm	mm	
126	28	28,5	2 009000884

900/C39N

11 hexagon sockets, 21 bits and 7 accessories



900/C39N	1 009000947
----------	-------------

861LP	0,6x4,5 - 1,2x6,5 - 1,2x8 mm
861PH	PH1-PH2-PH3
861PZ	PZ1-PZ2-PZ3
861PE	2,5-3-4-5-6 mm
861RTX	T10-T15-T20-T25-T27-T30-T40
900	5-5,5-6-7-8-9-10-11-12-13-14 mm
900/20	50 mm
900/20L	100 mm
900/25	
900BG/30C	128 mm
892/0	
895/1	
900/55Z	126 mm

900/C39U

11 gear lock sockets, 21 bits and 7 accessories



900/C39U	1 009001947
----------	-------------

861LP	0,6x4,5 - 1,2x6,5 - 1,2x8 mm
861PH	PH1-PH2-PH3
861PZ	PZ1-PZ2-PZ3
861PE	2,5-3-4-5-6 mm
861RTX	T10-T15-T20-T25-T27-T30-T40
900U	○ 5-5,5-6-7-8-9-10-11-12-13-14 mm * 3/16-13/64-7/32-1/4-9/32-5/16-11/32-3/8-7/16-15/32-1/2-9/16 ○ E6-E7-E8-E10-E12-E14-E16-E18 ○ M6-M8-M10-M12-M14-M16-M18
900/20	50 mm
900/20L	100 mm
900/25	
900BG/30C	128 mm
892/0	
895/1	
900/55Z	126 mm

900/C11

11 hexagon sockets, 20 bits and 8 accessories



900/C11	1 009000971
---------	-------------

861LP	0,5x3 - 0,8x5,5 1x5,5 - 1,2x6,5 mm
861PE	3 - 4 - 5 - 6 - 8 mm
861PH	0 - 1 - 2 - 3
861TX	T8 - T10 - T15 - T20 T25 - T30 - T40
895/1	
900	5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm
900/16	□ 1/4 - ■ 3/8
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	176 mm
900/42	
900/55	

270x120x45 mm - 1,2 kg

9899 900C11	1 098990132
Thermoformed tray, empty	

900/C11Z

11 hexagon sockets, 20 bits and 8 accessories



900/C11Z	1 009000984
----------	-------------

861LP	0,5x3 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
861PE	3 - 4 - 5 - 6 - 8 mm
861PH	0 - 1 - 2 - 3
861TX	T8 - T10 - T15 - T20 T25 - T30 - T40
895/1	
900	5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm
900/16	□ 1/4 - ■ 3/8
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	176 mm
900/42	
900/55Z	

350x150x50 mm - 1,2 kg

9899 900C11	1 098990132
Thermoformed tray, empty	

900/C12MR

12 hexagon sockets, 20 bits and 7 accessories in foam tray, in metal case



900/C12MR	1 009000962
-----------	-------------

900	4-5-5,5-6-7-8-9-10-11-12-13-14 mm
900/20	50 mm
900/21	150 mm
900/25	
900/42	115 mm
900BG/30	128 mm
900/58	
895/1	
861TX	T8-T10-T15-T20-T25-T30-T40
861PH	PH0-PH1-PH2-PH3
861LP	0,5-0,8-1-1,2 mm
861PE	3-4-5-6-8 mm

350x150x50 mm 1,3 kg

900/C12MZ

12 hexagon sockets, 20 bits and 7 accessories in foam tray

1/4"

1/4"



900/C12MZ

1 009000983

- 900 4-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900/42 115 mm
- 900BG/30 176 mm
- 900/55Z
- 895/1
- 861TX T8-T10-T15-T20-T25-T30-T40
- 861PH PH0-PH1-PH2-PH3
- 861LP 0,5x3 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 861PE 3-4-5-6-8 mm

350x150x50 mm - 1,2 kg

900/C13-5

13 hexagon sockets and 5 accessories

1/4"



900/C13-5

1 009000953

- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42
- 900/55

270x120x45 mm - 1 kg

9899 900/C13-5

1 098990131

Thermoformed tray, empty

900/C13-8

13 hexagon sockets and 8 accessories

1/4"



900/C13-8

1 009000954

- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900/16 □ 1/4 - ■ 3/8
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/35A
- 900/42
- 900/55

270x120x45 mm - 1,1 kg

900MB/C19

11 bi-hex sockets and 8 accessories

1/4"



900MB/C19

1 009000977

- 900MB 5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900/16 □ 1/4 - ■ 3/8
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/35A
- 900/42
- 900/55

270x120x45 mm - 1,1 kg

900/C24

13 hexagon sockets, 11 socket drivers and 6 accessories

1/4"



900/C24

1 009000956

- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900LP 0,8x4 - 1,2x6,5 - 1,2x8 mm
- 900PH PH1 - PH2 - PH3
- 900ME 3-4-5-6-8 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42
- 900/55

270x120x45 mm - 1,1 kg

900MB/C28

11 bi-hex sockets, 11 socket drivers and 6 accessories

1/4"



900MB/C28

1 009000979

- 900MB 5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900LP 0,8x4 - 1,2x6,5 - 1,2x8 mm
- 900PH PH1 - PH2 - PH3
- 900ME 3-4-5-6-8 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42
- 900/55

270x120x45 mm - 1,1 kg



900MC/C24

11 hexagon sockets, 13 coloured socket drivers and 6 accessories

1/4"



900MC/C24

1 009002960

	○ 900MC	4 - 5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
	⊕ 900MC/PH	PH1 - PH2 - PH3
	⊖ 900MC/TX	T10 - T15 - T20 - T25 - T27 - T30 - T40
	● 900MC/LP	0,8x4 - 1,2x6,5 - 1,2x8 mm
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/42	
	⊕ 900/55	
≡ 270x120x45 mm - 1,1 kg		

900MC/C32

11 coloured sockets, 20 coloured bits and 7 accessories

1/4"



900MC/C32

1 009002963

	○ 900MC	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
	● 860LP	0,5x3 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
	⊕ 860PH	0 - 1 - 2 - 3
	○ 860PE	3 - 4 - 5 - 6 - 8 mm
	⊖ 860TX	T8 - T10 - T15 - T20 - T25 - T30 - T40
	895/1	
	900/20	
	900/21	
	900/25	
	900BG/30	
	900/42	
	⊕ 900/55	
≡ 270x120x45 mm - 1,2 kg		

900U/C12M

12 gear lock hand sockets, 20 bits and 7 accessories, in soft foam tray

1/4"

1/4"



900U/C12M

1 009001792

	900U	○ 4-5-5,5-6-7-8-9-10-11-12-13-14 mm * 5/32-3/16-13/64-7/32-1/4-9/32-5/16 11/32-3/8-7/16-15/32-1/2-9/16 ○ E5-E6-E7-E8-E10-E12-E14-E16-E18 ○ M5-M6-M8-M10-M12-M14-M16-M18
	900/20	50 mm
	900/21	150 mm
	900/25	
	900/42	115 mm
	900BG/30	176 mm
	⊕ 900/55	125 mm
	895/1	○ 1/4 - □ 1/4
	● 861LP	0,5x3 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
	○ 861PE	3-4-5-6-8 mm
	⊕ 861PH	PH0-PH1-PH2-PH3
	⊖ 861TX	T8-T10-T15-T20-T25-T30-T40
≡ 350x150x50 mm - 1,2 kg		



900AS/C10 - /MB-C17

10 sockets and 7 accessories

1/4"



900AS/C10

1 009000961

	○ 900AS	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/35A	
	900/42	
	⊕ 900/55	
≡ 270x120x45 mm - 1,1 kg		

900AS/MB-C17

1 009000981

	○ 900AS/MB	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/35A	
	900/42	
	⊕ 900/55	
≡ 270x120x45 mm - 1,1 kg		

900AS/C17-MBM

10 bi-hex sockets and 7 accessories for aeronautical maintenance

1/4"



900AS/C17-MBM

1 009000982

	○ 900AS/MB	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900M/35	
	900/42	
	900M/55	
≡ 270x120x45 mm - 1,2 kg		

900/C11HR

11 hexagon sockets, 20 bits and 7 accessories in hard foam tray, in metal case

• ratchet with rotating handle

1/4
1/4"



900/C11HR 1 009000980

	861LP	0,5x3-0,8x5,5-1x5,5-1,2x6,5 mm
	861PH	PH0-PH1-PH2-PH3
	861PE	3-4-5-6-8 mm
	861TX	T8-T10-T15-T20-T25-T30-T40
	895/1	
	900	5-5,5-6-7-8-9-10-11-12-13-14 mm
	900/16	□ 1/4 - ■ 3/8
	900/20	50 mm
	900/21	150 mm
	900/25	
	900/42	
	900BG/30	
	900/58	

350x150x50 mm - 1,3 kg

902R/C6

6 adaptors for socket drivers



902R/C6 1 009020814

	900/16	□ 1/4 - ■ 3/8
	910/15	□ 3/8 - ■ 1/4
	910/16	□ 3/8 - ■ 1/2
	920/15	□ 1/2 - ■ 3/8
	920/16	□ 1/2 - ■ 3/4
	928/15	□ 3/4 - ■ 1/2

170x100x35 mm - 600 g

902A/C22

22 hexagon sockets and 6 accessories in metal case

1/4
1/2"



902A/C22 1 009020807

	900	5-5,5-6-7-8-9-10-11-12-13 mm
	900/20	50 mm
	900/25	
	900/55	
	920A	10-13-14-15-17-18-19-22-24-27-30-32 mm
	920/21	125 mm
	920/25	
	920/55	

420x185x60 mm - 3,5 kg

9899 902A/C22 1 098990133

Thermoformed tray, empty

910A

hexagon hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	
6	9,5	28	16,7	5 009100006
7	10,7	28	16,7	5 009100007
8	12,1	28	16,7	5 009100008
9	13,2	28	16,7	5 009100009
10	14,6	29	16,7	5 009100010
11	15,8	29	16,7	5 009100011
12	17,2	30	17,7	5 009100012
13	18,4	31	17,0	5 009100013
14	19,7	32	17,5	5 009100014
15	20,9	32	18,0	5 009100015
16	22,2	33	18,5	5 009100016
17	23,2	33	19,0	5 009100017
18	24,7	34	20,0	5 009100018
19	25,8	35	21,0	5 009100019
20	27,2	35	22,0	5 009100020
21	28,2	36	23,0	5 009100021
22	29,7	37	24,0	5 009100022



910A/SB17 1 009100030

6-7-8-9-10-11-12
13-14-15-16-17
18-19-20-21-22 mm

910B

bi-hex hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	
6	9,5	28	16,7	5 009100106
7	10,7	28	16,7	5 009100107
8	12,1	28	16,7	5 009100108
9	13,2	28	16,7	5 009100109
10	14,6	29	16,7	5 009100110
11	15,8	29	16,7	5 009100111
12	17,2	30	17,7	5 009100112
13	18,4	31	17,0	5 009100113
14	19,7	32	17,5	5 009100114
15	20,9	32	18,0	5 009100115
16	22,2	33	18,5	5 009100116
17	23,2	33	19,0	5 009100117
18	24,7	34	20,0	5 009100118
19	25,8	35	21,0	5 009100119
20	27,2	35	22,0	5 009100120
21	28,2	36	23,0	5 009100121
22	29,7	37	24,0	5 009100122



910B/SB17 1 009100130

6-7-8-9-10-11-12
13-14-15-16-17
18-19-20-21-22 mm

910AL

hexagon hand sockets, long series



UNI/ISO 2725 DIN 3124

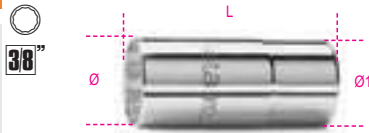
mm	Ø	L	Ø1	
8	12,0	55	17	3 009100158
9	13,0	55	17	3 009100159
10	14,5	55	17	3 009100160
11	16,0	55	17	3 009100161
12	17,0	55	17	3 009100162
13	18,0	55	17	3 009100163
14	20,0	55	18	3 009100164
15	21,0	55	20	3 009100165
16	22,0	55	20	3 009100166
17	23,5	55	22	3 009100167
18	24,5	55	23	2 009100168
19	25,0	55	24	2 009100169
21	27,0	65	26	2 009100171
22	29,0	65	28	2 009100172

910AL/SB14 1 009100174

8-9-10-11-12-13-14
15-16-17-18-19-21-22 mm

910BL

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

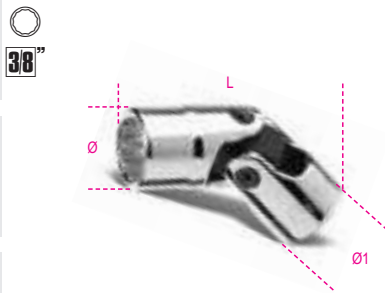
mm	Ø	L	Ø1	
8	12,0	55	17	3 009100308
9	13,0	55	17	3 009100309
10	14,5	55	17	3 009100310
11	16,0	55	17	3 009100311
12	17,0	55	17	3 009100312
13	18,0	55	17	3 009100313
14	20,0	55	18	3 009100314
15	21,0	55	20	3 009100315
16	22,0	55	20	3 009100316
17	23,5	55	22	3 009100317
18	24,5	55	23	2 009100318
19	25,0	55	24	2 009100319
21	27,0	65	26	2 009100321
22	29,0	65	28	2 009100322



910BL/SB14
8-9-10-11-12-13
14-15-16-17-18
19-21-22 mm
1 009100340

910B/SN

swivel end bi-hex hand sockets



mm	Ø	L	Ø1	
10	14,5	48,5	19	2 009100230
11	15,8	49,5	19	2 009100231
12	17,0	50,0	19	2 009100232
13	18,3	51,0	19	2 009100233
14	19,5	51,0	19	2 009100234
15	20,8	53,5	19	2 009100235
16	22,0	53,5	19	2 009100236
17	23,3	54,5	19	2 009100237
18	24,5	54,5	19	2 009100238
19	25,8	56,5	19	2 009100239

910A/AS

hexagon hand sockets



mm	Ø	L	Ø1	
5/16	10,3	26	17,3	5 009100276
1/4	11,9	26	17,3	5 009100278
11/32	13,3	26	17,3	5 009100279

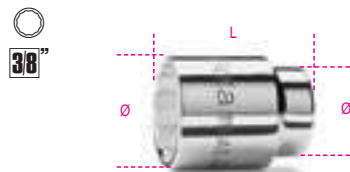
"	Ø	L	Ø1	
3/8	13,9	26	17,3	5 009100280
7/16	15,8	26	17,3	5 009100281
1/2	17,9	26	17,3	5 009100283
9/16	19,5	27	18,5	5 009100284
19/32	20,6	27	19,5	5 009100285
5/8	21,9	28	20,0	5 009100286
11/16	24,6	30	22,5	5 009100287
3/4	25,9	30	23,5	5 009100289
13/16	27,9	32	26,0	5 009100291
7/8	29,6	32	26,5	5 009100292



910A-AS/SB13
1/4-5/16-11/32-3/8-7/16
1/2-9/16-19/32-5/8-11/16
3/4-13/16-7/8
1 009100295

910AS

bi-hex hand sockets



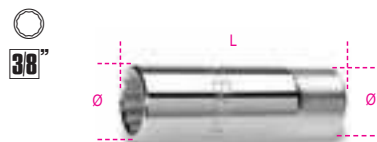
"	Ø	L	Ø1	
1/4	9,5	28	16,7	5 009100201
5/16	12,1	28	16,7	5 009100202
11/32	13,2	28	16,7	5 009100203
3/8	14,6	29	16,7	5 009100204
7/16	15,8	29	16,7	5 009100205
1/2	18,4	31	17,0	5 009100206
9/16	19,7	32	17,5	5 009100207
19/32	20,9	32	18,0	5 009100208
5/8	22,2	33	18,5	5 009100209
11/16	24,7	34	20,0	5 009100210
3/4	25,8	35	21,0	5 009100211
13/16	28,2	36	23,0	5 009100212
7/8	29,7	37	24,0	5 009100213



910AS/SB13
1/4-5/16-11/32-3/8-7/16
1/2-9/16-19/32-5/8-11/16
3/4-13/16-7/8
1 009100215

910AS/L

bi-hex hand sockets, long series



"	Ø	L	Ø1	
1/4	10	55	17	3 009100350
5/16	12	55	17	3 009100351
3/8	14	55	17	3 009100352
7/16	16	55	17	3 009100353
1/2	18	55	17	3 009100354
9/16	20	55	18	3 009100355

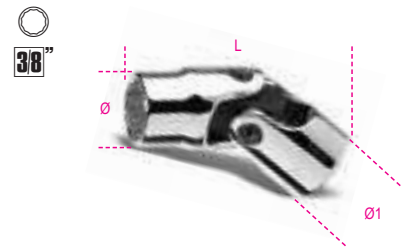
"	Ø	L	Ø1	
19/32	21	55	20	3 009100356
5/8	22	55	20	3 009100357
11/16	23	55	22	3 009100359
3/4	25	55	24	3 009100360
13/16	27	65	26	3 009100362
7/8	29	65	28	3 009100363



910ASL/SB12
1/4-5/16-3/8-7/16
1/2-9/16-19/32-5/8-11/16
3/4-13/16-7/8
1 009100365

910AS/SN

swivel end bi-hex hand sockets

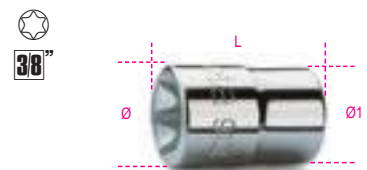


* SAE AS 954E

"	Ø	L	Ø1	
* 3/8	14,0	48,0	19	2 009100260
* 7/16	15,8	51,0	19	2 009100261
* 1/2	18,3	51,0	19	2 009100262
* 9/16	19,5	51,0	19	2 009100263
* 5/8	22,0	53,5	19	2 009100264
11/16	24,5	54,5	19	2 009100265
3/4	25,8	56,5	19	2 009100266

910FTX

hand sockets for Torx® head screws



mm	Ø	L	Ø1	
E4	6,2	26	17,3	5 009100404
E5	7,0	26	17,3	5 009100405
E6	8,3	26	17,3	5 009100406
E7	8,9	26	17,3	5 009100407
E8	9,9	26	17,3	5 009100408
E10	12,0	26	17,3	5 009100410
E11	13,3	26	17,3	5 009100411
E12	14,5	26	17,3	5 009100412
E14	15,8	26	17,3	5 009100414
E16	18,0	26	17,3	5 009100416
E18	19,5	26	18,5	3 009100418
E20	21,9	26	20,0	3 009100420



910FTX/SB9
E4-E5-E6-E7-E8
E10-E12-14-E16
1 009100430

910FTX/L

hand sockets for Torx® head screws, long series



	Ø mm	L mm	Ø1 mm		
E4	6,2	55	17,3	3	009100440
E5	7,0	55	17,3	3	009100441
E6	8,3	55	17,3	3	009100442
E7	8,9	55	17,3	3	009100443
E8	9,9	55	17,3	3	009100444
E10	12,0	55	17,3	3	009100445



910FTX-L/SB6
E4-E5-E6
E7-E8-E10

1 009100449

910FTX/XL

hexagon hand sockets for Torx® head screws, extra-long series



	Ø mm	L mm	Ø1 mm		
E6	8,0	200	18	2	009100766
E7	8,0	200	18	2	009100767
E8	10,0	200	18	2	009100768
E10	14,0	200	18	2	009100770
E11	14,0	200	18	2	009100771
E12	14,0	200	18	2	009100772
E14	17,0	200	18	2	009100774
E16	18,6	200	18	2	009100776
E18	21,5	200	18	2	009100778
E20	21,5	200	18	2	009100780

910FTX-XL/C10

set of 10 hand sockets for Torx® head screws, long series, in plastic case



910FTX-XL/C10
E6-E7-E8-E10-E11-
E12-E14-E16-E18-E20

1 009100976

255x195x62 mm - 2,3 kg

910LP

socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm		
1x5,5	18,5	54	24	2	009100452
1,2x6,5	18,5	54	24	2	009100453
1,2x8	18,5	54	24	2	009100454
1,6x9	18,5	54	24	2	009100456

910PH

socket drivers for cross head Phillips® screws



PH	Ø mm	L mm	L1 mm		
1	18,5	48	18	2	009100471
2	18,5	48	18	2	009100472
3	18,5	48	18	2	009100473
4	18,5	48	18	2	009100474



910PH/SB4
PH1-PH2-PH3-PH4

1 009100478

910PE

socket drivers for hexagon screws



DIN 7422

mm	Ø mm	L mm	L1 mm		
3	18,5	50	20	5	009100490
4	18,5	50	20	5	009100492
5	18,5	50	20	5	009100494
6	18,5	50	20	5	009100496
7	18,5	50	20	5	009100497
8	18,5	50	20	5	009100498
9	18,5	50	20	5	009100499
10	18,5	50	20	5	009100500



910PE/SB7
3-4-5-6-7-8-10 mm

1 009100503

910BP

ball head socket drivers for hexagon screws



mm	L mm	L1 mm		
4L	92	62	3	009100584
5L	92	62	3	009100585
6L	92	62	3	009100586
7L	92	62	3	009100587
8L	92	62	3	009100588
10L	132	102	3	009100590

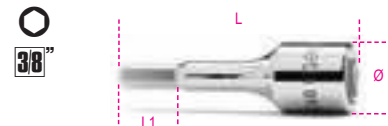


910BP/SB6L
4L-5L-6L-7L-8L-10L mm

1 009100596

910ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm		
4	18	62	15	5	009100504
5	18	62	15	5	009100505
6	18	62	15	5	009100506
7	18	62	15	5	009100507
8	19	62	15	5	009100508
10	20	62	15	5	009100510
12	20	62	15	5	009100512



910ME/SB5
4-5-6-8-10 mm

1 009100515

910PE/AS

socket drivers for hexagon screws



"	Ø mm	L mm	L1 mm		
1/8	18,5	50	20	2	009100531
5/32	18,5	50	20	2	009100532
3/16	18,5	50	20	2	009100533
7/32	18,5	50	20	2	009100534
1/4	18,5	50	20	2	009100535
5/16	18,5	50	20	2	009100536
3/8	18,5	50	20	2	009100537

910PT

socket drivers for 5-star head screws



	Ø mm	L mm	L1 mm		
PT40	20	50	20	3	009100540
PT45	20	50	20	3	009100545
PT50	20	50	20	3	009100550



910PT/SB8	1	009100558
PT10-PT15-PT20-PT25		
PT30-PT40-PT45-PT50		

910TX

socket drivers for Torx® head screws



	Ø mm	L mm	L1 mm		
T15	18,5	50	20	5	009100519
T20	18,5	50	20	5	009100520
T25	18,5	50	20	5	009100521
T27	18,5	50	20	5	009100522
T30	18,5	50	20	5	009100523
T40	18,5	50	20	5	009100524
T45	18,5	50	20	3	009100525
T50	18,5	50	20	3	009100526



910TX/SB6	1	009100530
T15-T20-T25		
T27-T30-T40		

910XZN

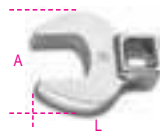
socket drivers with XZN® profile



	L mm		
M4	50	3	009100559
M5	50	3	009100560
M6	50	3	009100561
M8	50	3	009100563
M10	50	3	009100565

910CF

3/8" square drive crowfoot wrenches



mm	A mm	L mm		
10	21,3	32,3	2	009100135
11	23,1	34,3	2	009100136
12	25,5	36,2	2	009100137
13	26,9	37,4	2	009100138
14	30,2	40,0	2	009100139
15	33,3	41,3	2	009100140
16	33,3	41,3	2	009100141
17	38,1	46,5	2	009100142
18	38,1	46,5	2	009100143
19	39,6	48,0	2	009100144



910CF/SB10	1	009100147
10-11-12-13-14-15		
16-17-18-19 mm		

910/15

adaptor, 3/8" female and 1/4" male drivers



L mm	Ø mm	□	■		
30	17,0	3/8	1/4	5	009100810



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

910/16

adaptor, 3/8" female and 1/2" male drives

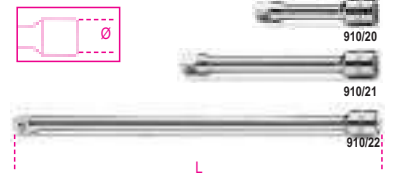


L mm	Ø mm	□	■		
32	18,0	3/8	1/2	5	009100814



910/20 - 910/21 - 910/22

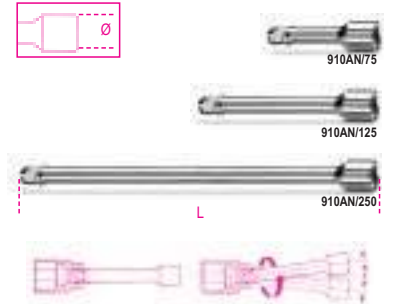
3/8" drive extension bars



	L mm	Ø mm		
910/20	75	17	5	009100820
910/21	125	17	5	009100822
910/22	250	17	5	009100826

910AN

3/8" wobble extension bars



	L mm	Ø mm		
910AN/75	75	17	3	009100827
910AN/125	125	17	3	009100828
910AN/250	250	17	3	009100829

910/25

3/8" drive universal joint



L mm	Ø mm		
54,6	19	5	009100830

910M/35

3/8" swivel drive with metal handle



L mm		
250	3	009100839

910/36A

3/8" drive swivel handle



UNI/ISO 3315 DIN 3122

L	L1
mm	mm
255	154



910/40

3/8" drive swivel T-handle

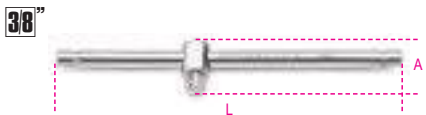


L	L1
mm	mm
420	175



910/42

3/8" drive sliding T-handle



UNI/ISO 3315 DIN 3122

L	A
mm	mm
210	30,5



910/46

3/8" square drive with speed brace



UNI/ISO 3315 DIN 3122

L	L1	A
mm	mm	mm
315	80	115



910/55

3/8" drive reversible ratchet 72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A
mm	mm	mm
200	30	33



910/55Q

3/8" drive reversible ratchet 48 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A
mm	mm	mm
200	30	33



Spare parts
rotating mechanism of ratchets,
see table after item 929/C8

910M/55

3/8" drive reversible ratchet
with metal handle



DIN 3122 - UNI ISO 3315

L	Ø	A
mm	mm	mm
178	30	26



910M/56

3/8" drive reversible swivel ratchet
with metal handle



L	Ø	A
mm	mm	mm
265	31	29



910/58

3/8" drive reversible ratchet
with rotating handle,
52 tooth mechanism

- Socket release button
- Ring nut reversal system on ratchet head
- Bi-material handle



L	Ø	A
mm	mm	mm
222	37	38,5



910.../C10

10 sockets and 2 accessories



910A/C10



	910A	6 - 7 - 8 - 10 - 11 - 12 13 - 14 - 17 - 19 mm
	910/21	125 mm
	910/55	
≡ 270x120x45 mm - 1,3 kg		

910B/C10



	910B	6 - 7 - 8 - 10 - 11 - 12 13 - 14 - 17 - 19 mm
	910/21	125 mm
	910/55	
≡ 270x120x45 mm - 1,3 kg		

910A/C16...

16 hexagon sockets and 5 accessories



910A/C16



	910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
	910/21	125 mm
	910/22	250 mm
	910/25	
	910/42	
	910/55	
≡ 335x145x60 mm - 2,3 kg		

9899 910C16



Thermoformed tray, empty

910A/C16Q



	910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
	910/21	125 mm
	910/22	250 mm
	910/25	
	910/42	
	910/55Q	
≡ 335x145x60 mm - 2,3 kg		

9899 910C16



Thermoformed tray, empty

910B/C16...

16 bi-hex sockets and 5 accessories

38"



910B/C16 1 009100937

	○ 910B	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
	910/21	125 mm
	910/22	250 mm
	910/25	
	910/42	
	910/55	
		335x145x60 mm - 2,3 kg

9899 910C16 1 098990134
Thermoformed tray, empty

910B/C16Q 1 009100933

	○ 910B	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
	910/21	125 mm
	910/22	250 mm
	910/25	
	910/42	
	910/55Q	
		335x145x60 mm - 2,3 kg

9899 910C16 1 098990134
Thermoformed tray, empty

910A/C17

17 hexagon sockets and 9 accessories

38"



910A/C17 1 009100938

	○ 910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 - 20 21 - 22 mm
	910/15	□ 3/8 - ■ 1/4
	910/16	□ 3/8 - ■ 1/2
	910/21	125 mm
	910/22	250 mm
	910/25	
	910/36A	
	910/42	
	910/46	
	910/55	
		420x280x60 mm - 4,0 kg

910.../C29

17 sockets, 12 socket drivers
and 5 accessories

38"



910A/C29 1 009100944

	○ 910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 - 20 21 - 22 mm
	910LP	1x5,5 - 1,2x6,5 - 1,2x8 mm
	910PH	PH1 - PH2 - PH3
	910PE	3 - 4 - 5 - 6 - 8 - 10 mm
	910/21	125 mm
	910/22	250 mm
	910/25	
	910/42	
	910/55	
		420x185x60 mm - 3,5 kg

910B/C29 1 009100945

	○ 910B	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 - 20 21 - 22 mm
	910LP	1x5,5 - 1,2x6,5 - 1,2x8 mm
	910PH	PH1 - PH2 - PH3
	910PE	3 - 4 - 5 - 6 - 8 - 10 mm
	910/21	125 mm
	910/22	250 mm
	910/25	
	910/42	
	910/55	
		420x185x60 mm - 3,5 kg

910AS/C13...

13 bi-hex sockets and 5 accessories

38"



910AS/C13 1 009100925

	○ 910AS	1/4 - 5/16 - 11/32 - 3/8 - 7/16 1/2 - 9/16 - 19/32 - 5/8 - 11/16 3/4 - 13/16 - 7/8
	910/21	125 mm
	910/22	250 mm
	910/42	
	910/25	
	910/55	
		335x145x60 mm - 2,3 kg

910AS/MBM-C18

13 bi-hex sockets and 5 accessories
for aeronautical maintenance

38"



910AS/MBM-C18 1 009100926

	○ 910AS	1/4 - 5/16 - 11/32 - 3/8 - 7/16 1/2 - 9/16 - 19/32 - 5/8 - 11/16 3/4 - 13/16 - 7/8
	910/21	125 mm
	910/22	250 mm
	910/25	
	910/42	
	910M/55	
		335x145x60 mm - 2,5 kg

910A/C16HR

16 hexagon sockets and 5 accessories

38"



910A/C16HR 1 009100935

	○ 910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
	910/21	125 mm
	910/22	250 mm
	910/25	
	910/42	210 mm
	910/58	
		335x145x60 mm - 2,4 kg



920A

hexagon hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
8	12,4	38	21,7	10	009200008
9	13,5	38	21,7	10	009200009
10	14,9	38	21,7	10	009200010
11	16,1	38	21,7	10	009200011
12	17,5	38	21,7	10	009200012
13	18,7	38	21,7	10	009200013
14	20,1	38	21,7	10	009200014
15	21,5	38	22,5	10	009200015
16	22,7	38	23,7	10	009200016
17	24,1	38	23,1	10	009200017
18	25,3	39	24,0	10	009200018
19	26,6	39	24,0	10	009200019
20	27,8	40	25,0	5	009200020
21	28,8	40	25,0	5	009200021
22	29,9	41	26,0	5	009200022
23	30,8	42	26,0	5	009200023
24	32,2	43	27,0	5	009200024
25	33,2	44	27,0	5	009200025
26	34,7	45	28,0	5	009200026
27	36,2	46	29,0	5	009200027
28	37,2	47	30,0	5	009200028
29	38,6	48	31,0	5	009200029
30	40,2	48	32,0	5	009200030
32	42,3	49	34,0	5	009200032



920A/SB13

10-11-12-13-14-15-16
17-18-19-20-21-22 mm

1 009200040



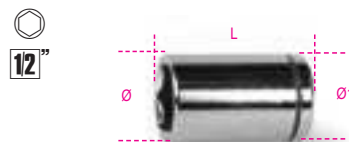
920A/SB8

23-24-25-26-27-28-30-32 mm

1 009200042

920MC

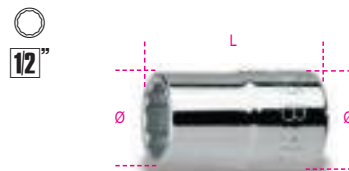
hexagon hand sockets,
coloured



mm	Ø	L	Ø1		
8	13,2	38	22		5 009202008
10	15,3	38	22		5 009202010
11	16,5	38	22		5 009202011
12	17,8	38	22		5 009202012
13	19,0	38	22		5 009202013
14	20,3	38	22		5 009202014
15	21,6	38	22		5 009202015
16	23,0	38	23		5 009202016
17	23,9	38	24		5 009202017
18	25,0	38	25		5 009202018
19	26,5	38	24		5 009202019
21	28,8	38	27		3 009202021
22	29,9	40	28		3 009202022
24	32,8	40	30		3 009202024

920B

bi-hex hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
8	12,4	38	21,7	10	009200108
9	13,5	38	21,7	10	009200109
10	14,9	38	21,7	10	009200110
11	16,1	38	21,7	10	009200111
12	17,5	38	21,7	10	009200112
13	18,7	38	21,7	10	009200113
14	20,1	38	21,7	10	009200114
15	21,5	38	22,5	10	009200115
16	22,7	38	23,7	10	009200116
17	24,1	38	23,1	10	009200117
18	25,3	39	24,0	10	009200118
19	26,6	39	24,0	10	009200119
20	27,8	40	25,0	5	009200120
21	28,8	40	25,0	5	009200121
22	29,9	41	26,0	5	009200122
23	30,8	42	26,0	5	009200123
24	32,2	43	27,0	5	009200124
25	33,2	44	27,0	5	009200125
26	34,7	45	28,0	5	009200126
27	36,2	46	29,0	5	009200127
28	37,2	47	30,0	5	009200128
29	38,6	48	31,0	5	009200129
30	40,2	48	32,0	5	009200130
32	42,3	49	33,9	5	009200132



920B/SB13

10-11-12-13-14-15-16
17-18-19-20-21-22 mm

1 009200140



920B/SB8
23-24-25-26-27
28-30-32 mm

1 009200142

920AL

hexagon hand sockets,
long series



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
10	14,7	77	21	5	009200626
12	17,8	77	21	5	009200627
13	19,0	77	22	5	009200628
14	20,3	77	22	5	009200629
15	21,5	77	22	5	009200630
16	22,8	77	22	5	009200631
17	24,0	77	23	5	009200632
18	25,0	77	24	5	009200633
19	26,5	77	25	5	009200634
21	29,0	77	27	5	009200635
22	30,0	77	28	5	009200636
23	31,5	77	29	5	009200637
24	32,8	77	30	5	009200638
27	36,5	77	33	3	009200639
30	40,0	77	36	3	009200640
32	42,8	77	38	3	009200641
36	48,0	77	41	3	009200642



920AL/SB11
10-12-13-14-15-16
17-18-19-21-22 mm

1 009200644

920BL

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
10	14,7	77	21	5	009200310
12	17,8	77	21	5	009200312
13	19,0	77	22	5	009200313
14	20,3	77	22	5	009200314
15	21,5	77	22	5	009200315
16	22,8	77	22	5	009200316
17	24,0	77	23	5	009200317
18	25,0	77	24	5	009200318
19	26,5	77	25	5	009200319
21	29,0	77	27	5	009200321
22	30,0	77	28	5	009200322
23	31,5	77	29	5	009200323
24	32,8	77	30	5	009200324
27	36,5	77	33	3	009200327
30	40,0	77	36	3	009200330
32	42,8	77	38	3	009200332
36	48,0	77	41	3	009200336



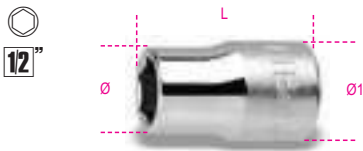
920BL/SB11
10-12-13-14-15-16-17-18
19-21-22 mm

1 009200338

Beta

920A/AS

hexagon hand sockets



"	Ø mm	L mm	Ø1 mm		
3/8	14,6	37	21	2	009200270
7/16	16,5	37	21	3	009200272
1/2	19,0	37	22	3	009200273
9/16	20,3	37	22	3	009200274
19/32	21,0	37	22	3	009200275
5/8	22,8	37	22	3	009200276
11/16	25,0	37	24	3	009200277
3/4	26,5	38	25	3	009200279
25/32	28,0	38	26	3	009200280
13/16	29,0	38	27	3	009200281
7/8	30,0	40	28	3	009200282
15/16	32,8	42	30	3	009200284
1	35,0	42	32	3	009200285
1.1/16	36,5	43	33	2	009200287
1.1/8	39,0	43	35	2	009200289
1.3/16	41,0	46	36	2	009200290
1.1/4	42,8	46	38	2	009200292



920A-AS/SB11
3/8-7/16-1/2-9/16-5/8
11/16-3/4-13/16-7/8
15/16-1

1 009200295

920AS

bi-hex hand sockets



"	Ø mm	L mm	Ø1 mm		
3/8	14,9	38	21,7	3	009200201
7/16	16,1	38	21,7	3	009200202
1/2	18,7	38	21,7	3	009200203
9/16	20,1	38	21,7	3	009200204
5/8	22,7	38	22,5	3	009200206
19/32	21,5	38	23,7	3	009200207
11/16	25,3	39	24,0	3	009200208
3/4	26,6	39	24,0	3	009200209
25/32	27,8	40	25,0	3	009200210
13/16	28,8	40	25,0	3	009200211
7/8	29,9	41	26,0	3	009200212
15/16	32,2	43	27,0	3	009200214
1	34,2	45	28,0	3	009200216
1.1/16	36,2	46	29,0	2	009200217
1.1/8	38,6	48	31,0	2	009200218
1.3/16	40,2	48	32,0	2	009200219
1.1/4	42,3	49	33,5	2	009200220



920AS/SB11
3/8-7/16-1/2-9/16-5/8
11/16-3/4-13/16-7/8
15/16-1

1 009200225

920AS/L

bi-hex hand sockets, long series



"	Ø mm	L mm	Ø1 mm		
1/2	19,0	77	22	2	009200352
9/16	20,3	77	22	2	009200353
5/8	22,8	77	22	2	009200355
11/16	25,0	77	24	2	009200357
3/4	26,5	77	25	2	009200358
13/16	29,0	77	27	2	009200360
7/8	30,0	77	28	2	009200361
15/16	32,8	77	30	2	009200362
1	35,0	77	32	2	009200363
1.1/16	36,5	77	33,0	2	009200364
1.1/8	37,8	77	34	2	009200365

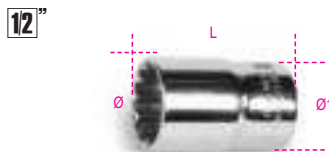


920ASL/SB11
1/2-9/16-5/8-11/16
3/4-13/16-7/8-15/16
1-1.1/8-1.1/16

1 009200369

920U

gear lock hand sockets



mm	"	Ø	Ø1	L mm		
10	3/8	E12	M12	38	5	009201710
11	7/16	E14	M14	38	5	009201711
12	15/32	E16		38	5	009201712
13	1/2		M16	38	5	009201713
14	9/16	E18	M18	38	5	009201714
15	19/32			38	5	009201715
16	5/8	E20		38	5	009201716
17				38	5	009201717
18		E22		38	5	009201718
19	3/4	E24		38	5	009201719
20	25/32			38	3	009201720
21				38	3	009201721
22	7/8			38	3	009201722
24	15/16			38	3	009201724
27	1.1/16			42	3	009201727
30	1.1/8			44	3	009201730
32	1.1/4			44	3	009201732



920U/SB13
10-11-12-13-14-15-16
17-18-19-20-21-22 mm

1 009201740



920U/SB4
24-27-30-32 mm

1 009201744

920FTX

hand sockets for Torx® head screws



"	Ø mm	L mm	Ø1 mm		
E10	13,2	36	21	5	009200380
E12	15,0	37	21	5	009200381
E14	16,3	37	21	5	009200382
E16	18,8	37	22	5	009200383
E18	20,4	37	22	5	009200384
E20	22,9	37	22	5	009200385
E22	25,0	37	24	3	009200387
E24	26,5	40	25	3	009200388



920FTX/SB6
E10-E12-E14
E16-E18-E20

1 009200390



920FTX/C8
E10-E12-E14-E16
E18-E20-E22-E24

1 009200391

270X120X45 mm - 1 kg

920FTX/L

hand sockets for Torx® head screws, long series



"	Ø mm	L mm	Ø1 mm		
E10	13,2	77	21,0	5	009200400
E12	15,0	77	21,0	5	009200401
E14	16,3	77	21,0	5	009200402
E16	18,8	77	21,8	3	009200403
E18	20,4	77	21,8	3	009200404
E20	22,9	77	22,0	3	009200405



920FTX-LSB6
E10-E12-E14
E16-E18-E20

1 009200409

920LP

socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm		
1x5,5	22,5	62	24	3	009200452
1,2x6,5	22,5	62	24	3	009200453
1,2x8	22,5	62	24	3	009200454
1,6x9	22,5	62	24	3	009200456
2x12	22,5	62	24	3	009200458

920PH

socket drivers for cross head Phillips® screws



PH	Ø mm	L mm	L1 mm		
1	22,5	56	18	3	009200471
2	22,5	56	18	3	009200472
3	22,5	56	18	3	009200473
4	22,5	56	18	3	009200474



920PH/SB4	
PH1-PH2-PH3-PH4	1 009200479

920LH/SB7

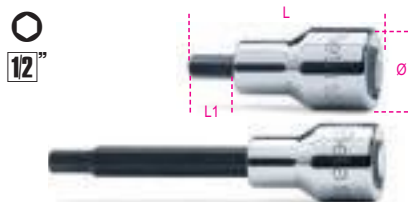
socket drivers for cross head Phillips® screws



920LH/SB7	
920LP	1,2x6,5 - 1,2x8
920PH	1,6x9 - 2x12 mm
	PH2 - PH3 - PH4

920PE

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm		
3	22,5	58	20	5	009200410
4	22,5	58	20	5	009200412
5	22,5	58	20	5	009200414

mm	Ø mm	L mm	L1 mm		
5L	22,5	100	62	5	009200415
6	22,5	58	20	5	009200417
6L	22,5	100	62	5	009200418
7	22,5	58	20	5	009200420
7L	22,5	100	62	5	009200421
8	22,5	58	20	5	009200423
8L	22,5	100	62	5	009200424
9	22,5	58	20	5	009200425
9L	22,5	140	102	5	009200426
10	22,5	58	20	5	009200428
10L	22,5	140	102	5	009200429
12	23,0	58	20	5	009200432
12L	22,5	140	102	5	009200433
14	23,0	58	20	5	009200434
14L	22,5	140	102	5	009200435
17	29,5	60	22	5	009200437
19	29,5	60	22	5	009200439



920PE/SB9	
4-5-6-8-10 mm	1 009200441
5L-6L-8L-10L mm	



920PE/C10	
4-5-6-7-8-10	1 009200443
12-14-17-19 mm	
≡ 270X120X45 mm - 1,5 kg	

9899 920PE/C10	
Thermoformed tray, empty	1 098990135

920PE/AS

socket drivers for hexagon screws



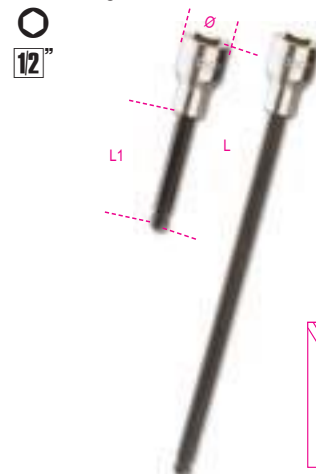
"	Ø mm	L mm	L1 mm		
1/8	22,5	58	20	2	009200460
3/16	22,5	58	20	2	009200461
1/4	22,5	58	20	2	009200463
3/8	22,5	58	20	2	009200464
1/2	22,5	60	20	2	009200465
3/4	22,5	60	20	1	009200468



920PE/AS/SB6	
1/8-3/16-1/4-3/8-1/2-3/4	1 009200469

920BP

ball head socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm		
5L	22,5	100	62	5	009200490
5XL	22,5	240	202	1	009200495
6L	22,5	100	62	5	009200491
6XL	22,5	240	202	1	009200496
7L	22,5	100	62	5	009200492
8L	22,5	100	62	5	009200493
8XL	22,5	240	202	1	009200497
10L	22,5	140	102	5	009200494



920BP/SB8	
5L-6L-7L-8L-10L mm	1 009200500
5XL-6XL-8XL mm	

920ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm		
5	21	75	15,5	5	009200505
6	21	75	15,5	5	009200506
7	21	75	15,5	5	009200507
8	21	75	15,5	5	009200508
10	23	75	15,5	5	009200510
12	24	75	15,5	5	009200512
14	24	75	15,5	5	009200514
17	24	75	15,5	5	009200517



920ME/SB7	
5-6-8-10-12-14-17 mm	1 009200519

12



920ME/C7
5-6-8-10-12-14-17 mm
1 009200518
250X100X35 mm - 1,4 kg

920TX

socket drivers for Torx® head screws

12



	ø mm	L mm	L1 mm	
T20	22,5	58	20	5 009200520
T20L	22,5	120	82	3 009200530
T25	22,5	58	20	5 009200521
T25L	22,5	120	82	3 009200531
T27	22,5	58	20	5 009200522
T27L	22,5	120	82	3 009200533
T30	22,5	58	20	5 009200523
T30L	22,5	120	82	3 009200534
T40	22,5	58	20	5 009200524
T40L	22,5	120	82	3 009200535
T45	22,5	58	20	5 009200525
T45L	22,5	120	82	3 009200537
T50	22,5	58	20	5 009200526
T50L	23,0	140	102	3 009200538
T55	23,0	58	20	3 009200527
T55L	23,0	140	102	3 009200539
T60	23,0	58	20	3 009200528
T60L	23,0	140	102	3 009200540
T70L	23,0	120	82	3 009200541

12



920TX-SB9
T20-T25-T27-T30
T40-T45-T50-T55-T60
1 009200532



920TX-L/SB10
T20L-T25L-T27L-T30L-T40L-
T45L-T50L-T55L-T60L-T70L
1 009200545

12



920TX/C9
T20-T25-T27-T30-T40
T45-T50-T55-T60
270X120X45 mm - 1,2 kg
1 009200546

9899 920TX/C9
Thermoformed tray, empty
1 098990136

920RTX

socket drivers
for Tamper Resistant Torx® head screws

12



	ø mm	L mm	L1 mm	
T20	22,5	58	20	5 009200370
T25	22,5	58	20	5 009200371
T27	22,5	58	20	5 009200372
T30	22,5	58	20	5 009200373
T40	22,5	58	20	5 009200374

12

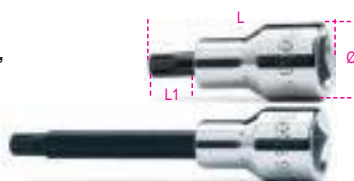


920RTX/SB5
T20-T25-T27-T30-T40
1 009200378

920XZN

socket drivers with XZN® profile

12



DIN 2324

	ø mm	L mm	L1 mm	
M4	22,5	58	20	3 009200559
M5	22,5	58	20	3 009200560
M6	22,5	58	20	3 009200561
M6L	22,5	100	62	3 009200562
M8	22,5	58	20	3 009200563
M8L	22,5	100	62	3 009200564
M9	22,5	58	20	3 009200582
M9L	22,5	100	62	3 009200583
M10	22,5	58	20	3 009200565
M10L	22,5	100	62	3 009200566
M12	22,5	58	20	3 009200568
M12L	22,5	100	62	3 009200569
M14	23,0	58	20	3 009200571
M14L	23,0	100	62	3 009200572
M16	23,0	58	20	3 009200573
M18	23,0	58	20	3 009200574

12



920XZN/SB7
M4-M5-M6-M8
M10-M12-M14
1 009200579

12



920XZN/SB12
M5-M6-M8-M10-M12
M14-M16-M6L-M8L
M10L-M12L-M14L
1 009200577

12



920XZN-L/S5
M6L-M8L-M10L
M12L-M14L
1 009200578

920ES

special form socket drivers

12



UNI 9326

ø mm		L mm	L1 mm	
7	(6R)	58	20	5 009200587
7XL	(6R)	240	202	1 009200607
9	(8R)	58	20	5 009200589
9XL	(8R)	240	202	1 009200609
10	(8S)	58	20	5 009200590
10XL	(8S)	240	202	1 009200610
11	(10R)	58	20	5 009200591
11XL	(10R)	240	202	1 009200611
12L	(10S)	100	62	3 009200592
12XL	(10S)	240	202	1 009200612
14L	(12S)	100	62	3 009200594
14XL	(12S)	240	202	1 009200614
16L	(14R)	100	62	3 009200596
16XL	(14R)	240	202	1 009200616

12



920ES/SB7
7-9-10-11-12L-14L-16L
1 009200598

12



920ES-XL/SB7
7XL-9XL-10XL-11XL
12XL-14XL-16XL
1 009200618

PM 1/2-Q5

12



PM 1/2-Q5 72,519

920/15

adaptor, 1/2" female and 3/8" male drives



UNI/ISO 3316 DIN 3123

L	□	■	Ø	
mm	1/2	3/8	mm	
42			22,0	5 009200810



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

920/16

adaptor, 1/2" female and 3/4" male drives



UNI/ISO 3316 DIN 3123

L	□	■	Ø	
mm	1/2	3/4	mm	
46			26	5 009200814

920/20÷920/23

1/2" drive extension bars

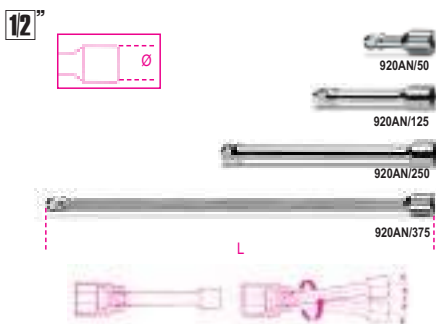


UNI/ISO 3316 DIN 3123

	L	Ø	
	mm	mm	
920/20	75	22	5 009200818
920/21	125	22	5 009200822
920/22	255	22	5 009200826
920/23	375	22	2 009200827

920AN

1/2" wobble extension bars



	L	Ø	
	mm	mm	
920AN/50	50	22	5 009200833
920AN/125	125	22	5 009200834
920AN/250	250	22	3 009200835
920AN/375	375	22	3 009200836

920/25

1/2" drive universal joint

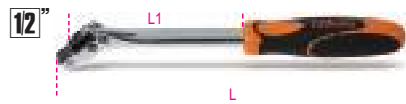


UNI/ISO 3316 DIN 3123

L	Ø	
mm	mm	
75	27	5 009200830

920/35A

1/2" drive swivel handle



UNI/ISO 3315 DIN 3122

L	L1	
mm	mm	
285	160	3 009200846

920M/35

1/2" swivel drive with metal handle



UNI/ISO 3315 DIN 3122

L	
mm	
380	2 009200845

920M/35L

1/2" swivel drive with metal handle, long series



L	
mm	
600	1 009200843



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

920/36A

1/2" drive swivel handle



UNI/ISO 3315 DIN 3122

L	L1	
mm	mm	
408	283	2 009200847

920/38

1/2" extension drive swivel handle



L	L max	
mm	mm	
262	402	1 009200839

920/40

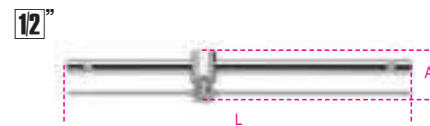
1/2" drive swivel T-handle



L	L1	
mm	mm	
490	230	2 009200850

920/42

1/2" drive sliding T handle



UNI/ISO 3315 DIN 3122

L	A	
mm	mm	
305	42	5 009200854

920/44

1/2" drive offset handle



UNI/ISO 3315 DIN 3122

L	L1	
mm	mm	
230	60	3 009200858

920/46

1/2" drive with speed brace



UNI/ISO 3315 DIN 3122

L	L1	A	
mm	mm	mm	
385	110	160	1 009200862

920/50

1/2" push-through drive ratchet,
72 teeth

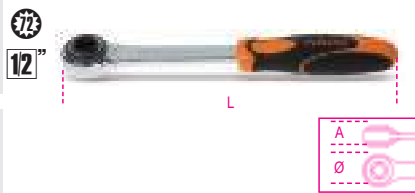


UNI/ISO 3315 DIN 3122

L	Ø	A	
mm	mm	mm	
275	40	42	3 009200871

920/50F

1/2" female square drive ratchet,
72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	
mm	mm	mm	
275	40	27	2 009200889

920/55

1/2" drive reversible ratchet,
72 teeth

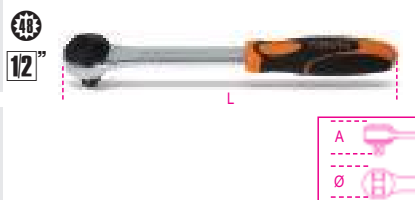


UNI/ISO 3315 DIN 3122

L	Ø	A	
mm	mm	mm	
275	40	43	3 009200882

920/55Q

1/2" drive reversible ratchet, 48 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	
mm	mm	mm	
275	40	43	3 009200885

920/55X

1/2" drive reversible ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	
mm	mm	mm	
200	30	33	3 009200895

920/55LC

1/2" drive reversible ratchet
"Locking System", 72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	
mm	mm	mm	
275	40	43	2 009200896

920M/55

1/2" drive reversible ratchet
with metal handle



L	Ø	A	
mm	mm	mm	
253	38	35	1 009200893

920/56A

1/2" drive swivel reversible ratchet,
72 teeth



L	Ø	A	
mm	mm	mm	
315	40	43	1 009200911

920M/56

1/2" drive reversible swivel ratchet
with metal handle



L	Ø	A	
mm	mm	mm	
330	38	35,7	2 009200894

920/58

1/2" drive reversible ratchet
with rotating handle,
52 tooth mechanism

- Socket release button
- Ring nut reversal system on ratchet head
- Bi-material handle



L	Ø	A	
mm	mm	mm	
281	42,5	45	1 009200926

Spare parts
rotating mechanism of ratchets,
see table after item 929/C8



920.../C11




11 sockets and 2 accessories

12"






920A/C11

1 009200921

 ○ 920A	10 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 mm
 920/22	255 mm
 920/50	
≡ 335x145x60 mm - 2,5 kg	

920B/C11

1 009200922

 ○ 920B	10 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 mm
 920/22	255 mm
 920/50	
≡ 335x145x60 mm - 2,5 kg	

920.../C12...





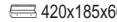
12 sockets and 5 accessories

12"



920A/C12X

1 009200933

 ○ 920A	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
 920/21	125 mm
 920/22	255 mm
 920/25	
 920/42	
 920/55	
≡ 420x185x60 mm - 4,2 kg	







9899 920C12

1 098990116

Thermoformed tray, empty

920A/C12

1 009200931

 ○ 920A	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
 920/21	125 mm
 920/22	255 mm
 920/25	
 920/42	
 920/50	
≡ 420x185x60 mm - 4,2 kg	






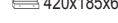
9899 920C12

1 098990116

Thermoformed tray, empty

920B/C12X

1 009200934

 ○ 920B	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
 920/21	125 mm
 920/22	255 mm
 920/25	
 920/42	
 920/55	

≡ 420x185x60 mm - 4,0 kg






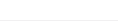
9899 920C12

1 098990116

Thermoformed tray, empty

920B/C12

1 009200932

 ○ 920B	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
 920/21	125 mm
 920/22	255 mm
 920/25	
 920/42	
 920/50	

≡ 420x185x60 mm - 4,0 kg

9899 920C12

1 098990116

Thermoformed tray, empty

920MC/C14

14 coloured hexagon hand sockets and 5 accessories







12"

12"



920MC/C14

1 009202964

 ○ 920MC	8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm
 920/21	125 mm
 920/22	255 mm
 920/25	
 920/42	
 920/55	

≡ 420x185x60 mm - 4,2 kg

920.../C20...






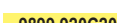
20 sockets and 5 accessories

12"



920A/C20X

1 009200950

 ○ 920A	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm
 920/21	125 mm
 920/22	255 mm
 920/25	
 920/42	
 920/55	

≡ 420x185x60 mm - 5,1 kg







9899 920C20

1 098990121

Thermoformed tray, empty

920A/C20

1 009200948

 ○ 920A	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm
 920/21	125 mm
 920/22	255 mm
 920/25	
 920/42	
 920/50	

≡ 420x185x60 mm - 5,1 kg







9899 920C20

1 098990121

Thermoformed tray, empty

920A/C20Q

1 009200955

 ○ 920A	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm
 920/21	125 mm
 920/22	255 mm
 920/25	
 920/42	
 920/55Q	

≡ 420x185x60 mm - 5,1 kg







9899 920C20

1 098990121

Thermoformed tray, empty

920B/C20

1 009200949

 ○ 920B	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm
 920/21	125 mm
 920/22	255 mm
 920/25	
 920/42	
 920/50	

≡ 420x185x60 mm - 5,0 kg

9899 920C20

1 098990121

Thermoformed tray, empty



920B/C20X 1 009200951

- 920B 10 - 11 - 12 - 13 - 14 - 15 - 16
17 - 18 - 19 - 20 - 21 - 22 - 23
24 - 26 - 27 - 28 - 30 - 32 mm
 - 920/21 125 mm
 - 920/22 255 mm
 - 920/25
 - 920/42
 - 920/55
- 420x185x60 mm - 5,0 kg

9899 920C20 1 098990121
Thermoformed tray, empty

920.../C21...
21 sockets and 6 accessories

12"



920A/C21 1 009200952

- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16
17 - 18 - 19 - 20 - 21 - 22 - 23
24 - 25 - 26 - 27 - 28 - 30 - 32 mm
 - 920/21 125 mm
 - 920/22 255 mm
 - 920/25
 - 920/42
 - 920/46
 - 920/50
- 420x280x60 mm - 6,5 kg

920A/C21X 1 009200983

- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16
17 - 18 - 19 - 20 - 21 - 22 - 23
24 - 25 - 26 - 27 - 28 - 30 - 32 mm
 - 920/21 125 mm
 - 920/22 255 mm
 - 920/25
 - 920/42
 - 920/46
 - 920/55
- 420x280x60 mm - 6,4 kg

920B/C21 1 009200953

- 920B 10 - 11 - 12 - 13 - 14 - 15 - 16
17 - 18 - 19 - 20 - 21 - 22 - 23
24 - 25 - 26 - 27 - 28 - 30 - 32 mm
 - 920/21 125 mm
 - 920/22 255 mm
 - 920/25
 - 920/42
 - 920/46
 - 920/50
- 420x280x60 mm - 6,4 kg

920B/C21X 1 009200984

- 920B 10 - 11 - 12 - 13 - 14 - 15 - 16
17 - 18 - 19 - 20 - 21 - 22 - 23
24 - 25 - 26 - 27 - 28 - 30 - 32 mm
 - 920/21 125 mm
 - 920/22 255 mm
 - 920/25
 - 920/42
 - 920/46
 - 920/55
- 420x280x60 mm - 6,4 kg

920B/C30Q
30 bi-hex sockets and 5 accessories

12"



920B/C30Q 1 009200975

- 920B 8 - 9 - 10 - 11 - 12 - 13 - 14
15 - 16 - 17 - 18 - 19 - 20 - 21
22 - 23 - 24 - 26 - 27 - 30 mm
 - 920BL 12 - 13 - 14 - 17 - 19 - 21
22 - 24 - 27 - 30 mm
 - 920/21 125 mm
 - 920/22 255 mm
 - 920/25
 - 920/42
 - 920/55Q
- 420x280x60 mm - 7,6 kg

Beta

920.../C33
20 sockets, 13 socket drivers
and 5 accessories

12"



920A/C33 1 009200985

- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16
17 - 18 - 19 - 20 - 21 - 22 - 23
24 - 26 - 27 - 28 - 30 - 32 mm
 - 920LP 1,2x8 - 1,6x9 - 2x12 mm
 - ⊕ 920PH PH2 - PH3 - PH4
 - 920PE 4 - 5 - 6 - 8 - 10 - 12 - 14 mm
 - 920/21 125 mm
 - 920/22 255 mm
 - 920/25
 - 920/42
 - 920/55
- 420x280x60 mm - 6,7 kg

920B/C33 1 009200986

- 920B 10 - 11 - 12 - 13 - 14 - 15 - 16
17 - 18 - 19 - 20 - 21 - 22 - 23
24 - 26 - 27 - 28 - 30 - 32 mm
 - 920LP 1,2x8 - 1,6x9 - 2x12 mm
 - ⊕ 920PH PH2 - PH3 - PH4
 - 920PE 4 - 5 - 6 - 8 - 10 - 12 - 14 mm
 - 920/21 125 mm
 - 920/22 255 mm
 - 920/25
 - 920/42
 - 920/55
- 420x280x60 mm - 6,7 kg

Beta

920A/C17M - 920A/C17MR

Assortment of 17 hexagon sockets and 5 accessories in foam tray, in metal case

12"



920A/C17M

1 009200924

	920A	10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	305 mm
	920/55	

420x185x60 mm - 5 kg

9899 920C17

1 098990137

Soft module, empty

920A/C17MR

1 009200937

	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	305 mm
	920/58	

420x185x60 mm 5,1 kg

920/C37

37 bi-hex sockets and 5 accessories

12"



920/C37

1 009200988

	920B	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm
	920AS	3/8 - 7/16 - 1/2 - 9/16 - 19/32 5/8 - 11/16 - 3/4 - 25/32 - 13/16 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 1.3/16 - 1.1/4
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/55	

420x280x60 mm - 7,5 kg

920AS/C10

10 bi-hex sockets and 2 accessories

12"



920AS/C10

1 009200919

	920AS	3/8 - 7/16 - 1/2 - 9/16 - 5/8 11/16 - 3/4 - 13/16 - 7/8 - 15/16
	920/22	255 mm
	920/50	

335x145x60 mm - 2,6 kg

920AS/C15

15 bi-hex sockets and 6 accessories

12"



920AS/C15

1 009200947

	920AS	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 3/4 - 13/16 - 7/8 - 15/16 - 1 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/46	
	920/50	

420x280x60 mm - 5,9 kg



920AS/C17X

17 bi-hex sockets and 5 accessories

12"



920AS/C17X

1 009200942

	920AS	3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 11/16 - 3/4 - 25/32 - 13/16 - 7/8 15/16 - 1 - 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/55	

420x185x60 mm - 4,8 kg

920AS/MBM-C21

16 bi-hex sockets and 5 accessories for aeronautical maintenance

12"



920AS/MBM-C21

1 009200944

	920AS	3/8 - 7/16 - 1/2 - 9/16 19/32 - 5/8 - 11/16 - 3/4 25/32 - 13/16 - 7/8 - 15/16 1 - 1.1/16 - 1.3/16 - 1.1/4
	920M/55	
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	

420x185x60 mm - 5,0 kg



920TX/C17

6 bits, 6 sockets, 5 socket drivers and 4 accessories for Torx® head screws



920TX/C17 1 009200989

861TX	T8 - T10 - T15 - T20 - T25 - T27
897	
920TX	T27 - T30 - T40 - T45 - T50
920FTX	E10 - E12 - E14 - E16 - E18 - E20
920/20	75 mm
920/22	255 mm
920/55	
420x185x60 mm - 2,9 kg	

920A/C17HR

17 hexagon sockets and 5 accessories in hard foam tray, in metal case

• ratchet with rotating handle



920A/C17HR 1 009200939

920A	10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/58	
420x185x60 mm - 5,1 kg	

920U/C17M

17 gear lock hand sockets and 5 accessories, in soft foam tray



920U/C17M 1 009201797

920U	<ul style="list-style-type: none"> ○ 10-11-12-13-14-15-16-17-18-19-20 21-22-24-27-30-32 mm * 3/8-7/16-15/32-1/2-9/16-19/32-5/8-3/4 25/32-7/8-15/16-1.1/16-1.1/8-1.1/4 ○ M12-M14-M16-M18 ○ E12-E14-E16-E18-E20-E22-E24
920/21	125 mm
920/22	255 mm
920/25	
920/42	305 mm
920/55	275 mm
420x185x60 mm - 5 kg	

9899 920C17 1 098990137
Soft module, empty

928A

hexagon hand sockets



UNI/ISO 2725
DIN 3124

	Ø mm	L mm	Ø1 mm		
19	29,2	50	34	5	009280019
21	30,0	51	34	5	009280021
22	31,3	53	34	5	009280022
23	33,3	53	34	5	009280023
24	34,5	53	34	5	009280024
26	36,8	55	35	5	009280026
27	38,0	56	35	5	009280027
28	39,0	57	35	3	009280028
29	40,2	58	35	3	009280029
30	41,5	58	37	3	009280030
32	44,3	60	37	3	009280032
33	45,8	60	37	3	009280033
34	46,8	60	37	3	009280034
35	48,1	62	38	3	009280035
36	49,5	64	38	3	009280036
38	52,0	68	40	3	009280038
41	56,0	71	40	3	009280041
46	62,3	75	43	3	009280046
50	67,4	80	43	3	009280050
55	73,7	84	48	1	009280055
60	80,0	87	48	1	009280060

928B

bi-hex hand sockets



UNI/ISO 2725
DIN 3124

	Ø mm	L mm	Ø1 mm		
19	29,2	50	34	5	009280119
21	30,0	51	34	5	009280121
22	31,3	53	34	5	009280122
23	33,3	53	34	5	009280123
24	34,5	53	34	5	009280124
26	36,8	55	35	5	009280126
27	38,0	56	35	5	009280127
28	39,0	57	35	3	009280128
29	40,2	58	35	3	009280129
30	41,5	58	37	3	009280130
32	44,3	60	37	3	009280132
33	45,8	60	37	3	009280133
34	46,8	60	37	3	009280134
35	48,1	62	38	3	009280135
36	49,5	64	38	3	009280136
38	52,0	68	40	3	009280138
41	56,0	71	40	3	009280141
46	62,3	75	43	3	009280146
50	67,4	80	43	3	009280150
55	73,7	84	48	1	009280155
60	80,0	87	48	1	009280160

928AS

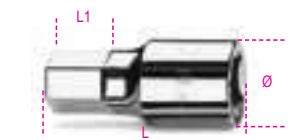
hexagon hand sockets



	Ø mm	L mm	Ø1 mm		
7/8	32,0	53	34	1	009280202
15/16	34,5	53	34	1	009280203
1	36,2	55	35	1	009280204
1.1/16	38,0	56	35	1	009280205
1.1/8	40,2	58	35	1	009280206
1.1/4	44,2	60	37	1	009280208
1.5/16	45,8	60	37	1	009280209
1.3/8	48,1	62	38	1	009280210
1.7/16	49,5	64	38	1	009280211
1.1/2	52,0	68	40	1	009280212
1.5/8	56,0	71	40	1	009280214
1.11/16	58,8	74	40	1	009280215
1.13/16	62,3	75	43	1	009280217
1.7/8	65,0	78	43	1	009280218
2	68,3	80	43	1	009280219
2.1/16	71,5	83	48	1	009280220

928ME

socket drivers for hexagon screws



	Ø mm	L mm	L1 mm		
14	35	75	15,5	2	009280514
17	35	75	15,5	2	009280517
19	35	75	15,5	2	009280519
22	35	75	22,5	2	009280522

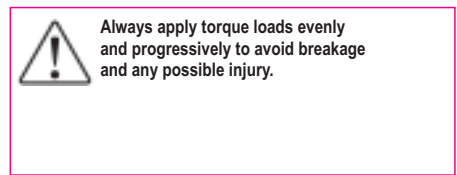
928/15

adaptor, 3/4" female and 1/2" male drives



UNI/ISO 3316
DIN 3123

L mm	Ø mm	□	■	🔧	📦
51,5	34	3/4	1/2	5	009280801



928/16

adaptor, 3/4" female and 1" male drives

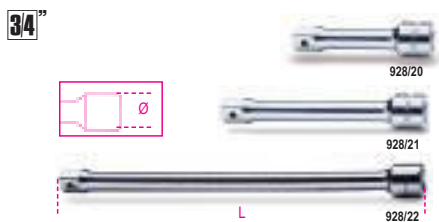


UNI/ISO 3316
DIN 3123

L mm	Ø mm	□	■	🔧	📦
65	34	3/4	1"	5	009280807

928/20 - 928/21 - 928/22

3/4" drive extension bars



UNI/ISO 3316
DIN 3123

	L mm	Ø mm	🔧	📦
928/20	100	34	3	009280810
928/21	200	34	3	009280815
928/22	380	34	3	009280825

928/25

3/4" drive universal joint



UNI/ISO 3316 DIN 3123

L mm	Ø mm	🔧	📦
108	40	1	009280830

928/36A

3/4" drive swivel handle

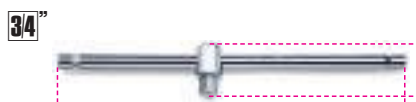


DIN 3122 - UNI ISO 3315

L mm	🔧	📦
545	1	009280844

928/42

3/4" drive slide T-handle



UNI/ISO 3315 DIN 3122

L mm	A mm	🔧	📦
450	62,5	3	009280850

928/55

3/4" drive reversible ratchet, 72 teeth



DIN 3122 - UNI ISO 3315

L mm	Ø mm	A mm	🔧	📦
510	58	59	2	009280862

Spare parts
rotating mechanism of ratchets,
see table after item 929/C8

928.../C12

assortment of 12 hexagon hand sockets and 5 accessories in sheet metal case



928A/C12 1 009280955

🔧	Ø	L	🔧	📦
928A	22 - 24 - 27 - 30 - 32 - 34 - 36 38 - 41 - 46 - 50 - 55 mm		1	009280955
928/21	200 mm			
928/22	380 mm			
928/25				
928/42				
928/55				

530x220x80 mm - 13,5 kg

928B/C12

1 009280957

🔧	Ø	L	🔧	📦
928B	22 - 24 - 27 - 30 - 32 - 34 - 36 38 - 41 - 46 - 50 - 55 mm		1	009280957
928/21	200 mm			
928/22	380 mm			
928/25				
928/42				
928/55				

530x220x80 mm - 13,5 kg

928AS/C12

assortment of 12 hexagon hand sockets and 5 accessories in sheet metal case



928AS/C12

1 009280968

🔧	Ø	L	🔧	📦
928AS	7/8-15/16-1.1/16-1.1/8-1.1/4 1.5/16-1.7/16-1.1/2-1.11/16 1.13/16-1.7/8-2.1/16		1	009280968
928/21	200 mm			
928/22	380 mm			
928/25				
928/42				
928/55				

530x220x80 mm - 13,5 kg

929

hexagon hand sockets



UNI/ISO 2725 DIN 3124

🔧	Ø	L	Ø1	🔧	📦
36	51	65	48	1	009290036
41	57	70	48	1	009290041
46	65	75	48	1	009290046
50	70	80	48	1	009290050
55	76	85	54	1	009290055
60	82	90	54	1	009290060
65	88	95	54	1	009290065
70	92	100	60	1	009290070
75	99	110	60	1	009290075
80	106	120	60	1	009290080

929/15

adaptor, 1" female and 3/4" male drives



UNI/ISO 3316 DIN 3123

L	Ø	□	■	
mm	mm	1"	3/4"	
65	47			2 009290801



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

929/21 - 929/22

1" drive extension bars



UNI/ISO 3316 DIN 3123

	L	Ø	
	mm	mm	
929/21	200	47	1 009290815
929/22	400	47	1 009290825

929/42

1" drive slide T-handle



UNI/ISO 3315 DIN 3122

L	
mm	
535	1 009290850

929/55

1" reversible ratchet 72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A
mm	mm	mm
770	62	63

929/55PR

extension bars for ratchets 929/55



L	Ø	Ø1	
mm	mm	mm	
540	32	26	1 009290868

929/C8

8 hexagon sockets and 5 accessories



929/C8

	929	46 - 50 - 55 - 60 - 65 70 - 75 - 80 mm
	929/15	□ 1" - ■ 3/4"
	929/21	200 mm
	929/22	400 mm
	929/42	
	929/55	

560x290x120 mm - 29 kg

9899 CV/A

empty case



9899 CV/A

583/C31-671B/C5-671B/C10-720ME/C8-860/C38P
861/C61P-900/C11-900AS/C10-MB-C17-900/C24
900/C13-8-900/C13-5-900MB/C19-900MB/C28
900/C11HR-900AS/C10-MB-C17-900AS/C17
MBM-900/C11Z-900MC/C24-900MC/C32-910.../C10
971/C8-920TX/C-920PE/C-920FTX/C-910.../C10

270x120x45 mm

9899 CV/B

empty case



9899 CV/B

352C/U-720MC/C13-727/C16-867/C20
900/C12MR-900/C12MZ-900U/C12M-910AS/C13...
910AS/MBM-C18-910A/C16...-910B/C16...
910A/C16HR-910A/C16...-910B/C16...-920AS/C10
920.../C11-1433/C11-1494/C14A-1529-1545/C5M

335x145x60 mm

9899 CV/C

empty case



9899 CV/C

920A/C17HR-920A/C17MR-920.../C12...
920A/C17M-910.../C29-902A/C22-867/C38
720/C24-450/C15-353N/C6-960KPC-920MC/C14
920U/C17M-920TX/C17-920.../C20...-920AS/MBM
C21-920AS/C17X-1547/C6-1495/C6-1489/C14
1461/C11A-1608/C9-1606A/C9-1602/C9

420x185x60 mm

900/R55



900/R55

666N/2-900/55-666/2

900/R55-Z



900/R55-Z

900M/R55



900M/R55
900M/55

910/R55

3/8"
7/32"



910/R55
599DGT/6-606/6-606/10-612
665/6-665/10-665LB/6-665LB/10
666N/5-666N/10-666N LBF.IN/5-
666N LBF.IN/10
666/6-666/10-668RGC/6-
668RGC/10-910/55
666/5-666HS/5-666HS/10-666 LBF.FT/2
666 LBF.FT/5-666 LBF.FT/10

1 009100879

910M/R55

3/8"



910M/R55
910M/55-910M/56

1 009100888

910/R55Q

3/8"
4/16"



910/R55Q
910/55Q

1 009100877

910/R55X

3/8"
4/16"



910/R55X
666N/2X-666/2X-666 LBF.FT/2X

1 009100897

920/R50

1/2"
7/32"



920/R50
614/50-667/20-667/30
667N/20-667N/30-920/50

1 009200866

920/R55

1/2"
7/32"



920/R55
606/20-606/30-666/20-666/30-920/55
920/56A- 599DGT/20-599DGT/30
599DGT-AN/20-665/20-665/30-665LB/20
665LB/30-666N/20-666N/30
666N LBF.IN/20-666N LBF.IN/30-668RGC/20
666 LBF.FT/20-666 LBF.FT/30

1 009200879

920M/R55

1/2"



920M/R55
920M/55-920M/56

1 009200888

920/R55Q

1/2"
4/16"

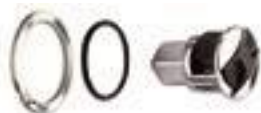


920/R55Q
920/55Q

1 009200877

920/R55X

1/2"
7/32"



920/R55X
606/10X-612X
666/10X-920/55X-599DGT/10X-599DGT-
AN/10
665/10X-665LB/10X-666N10X-
666N LBF.IN/10X
668RGC/10X-666 LBF.FT/10X
666HS/20LC-666HS/30LC

1 009200878

920/R55LC

1/2"
7/32"



920/R55LC
920/55LC "Locking System"

1 009200887

928/R55

3/4"
7/32"



928/R55
928/55

1 009280859

928/R55X

3/4"
7/32"



928/R55X
614X

1 009280858

929/R55

1"
7/32"



929/R55
929/55

1 009290859

930

double ended bi-hex tubular socket wrenches, heavy series



UNI 6745

mm	L mm	Ø mm	Ø1 mm		
6x7	100	9,5	11,0	3	009300006
8x9	108	12,5	14,0	3	009300010
10x11	116	15,0	16,5	3	009300014
12x13	124	17,5	19,0	3	009300018
14x15	132	20,0	21,5	3	009300023
16x17	140	23,0	24,0	3	009300027
18x19	148	25,0	26,5	3	009300032
20x22	156	28,0	30,0	2	009300036
21x23	163	29,0	31,5	2	009300040
24x26	173	33,0	35,5	2	009300044
25x28	182	34,5	38,0	2	009300048
27x29	191	37,0	39,5	2	009300052
30x32	200	40,5	43,0	2	009300056



930/S8 1 009300081

6x7-8x9-10x11
12x13-14x15-16x17
18x19-20x22 mm

940/1 - /2

930/S13 1 009300083

6x7-8x9-10x11-12x13
14x15-16x17-18x19
20x22-21x23-24x26
25x28-27x29-30x32 mm
940/1 - /2 - /3

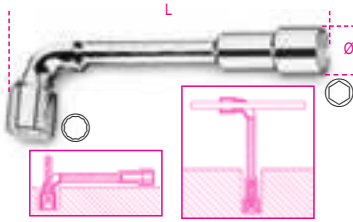


930/C13 1 009300098

6x7-8x9-10x11-12x13
14x15-16x17-18x19
20x22-21x23-24x26
25x28-27x29-30x32 mm
940/1 - /2 - /3

932

double ended hexagon / bi-hex offset socket wrenches, bright chrome-plated



NF E 74.303

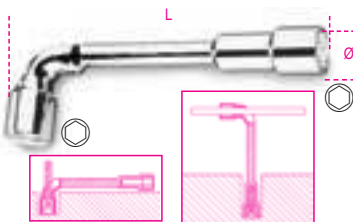
mm	Ø mm	L mm		
6x6	11,5	110	5	009320006
7x7	12,5	116	5	009320007
8x8	13,0	120	5	009320008
9x9	14,0	125	5	009320009
10x10	16,5	133	5	009320010
11x11	17,5	143	5	009320011
12x12	19,0	148	5	009320012
13x13	19,5	154	5	009320013
14x14	21,5	167	5	009320014
15x15	22,5	182	5	009320015
16x16	24,5	193	5	009320016
17x17	26,0	198	5	009320017
18x18	26,5	215	5	009320018
19x19	29,0	220	5	009320019
20x20	30,5	222	3	009320020
21x21	30,5	236	3	009320021
22x22	32,5	250	2	009320022
23x23	33,5	256	2	009320023
24x24	35,0	272	2	009320024
25x25	36,5	282	2	009320025
26x26	37,5	296	2	009320026
27x27	39,0	296	2	009320027
28x28	39,0	314	2	009320028
30x30	42,5	348	2	009320030
32x32	45,5	364	2	009320032



932/S11	1	009320080
6-7-8-10-11-12		
13-14-17-19-22 mm		
932/S17	1	009320081
6-7-8-9-10-11-12		
13-14-15-16-17		
18-19-20-21-22 mm		
932/S25	1	009320082
6-7-8-9-10-11-12-13		
14-15-16-17-18-19		
20-21-22-23-24-25		
26-27-28-30-32 mm		

933

double ended offset hexagon socket wrenches, bright chrome-plated



NF E 74.303

mm	Ø mm	L mm		
6x6	11,5	110	5	009330006
7x7	12,5	116	5	009330007
8x8	13,0	120	5	009330008

mm	Ø mm	L mm		
9x9	14,0	125	5	009330009
10x10	16,5	133	5	009330010
11x11	17,5	143	5	009330011
12x12	19,0	148	5	009330012
13x13	19,5	154	5	009330013
14x14	21,5	167	5	009330014
15x15	22,5	182	5	009330015
16x16	24,5	193	5	009330016
17x17	26,0	198	5	009330017
18x18	26,5	215	5	009330018
19x19	29,0	220	5	009330019
20x20	30,5	222	3	009330020
21x21	30,5	236	3	009330021
22x22	32,5	250	2	009330022
23x23	33,5	256	2	009330023
24x24	35,0	272	2	009330024
25x25	36,5	282	2	009330025
26x26	37,5	296	2	009330026
27x27	39,0	296	2	009330027
28x28	39,0	314	2	009330028
30x30	42,5	348	2	009330030
32x32	45,5	364	2	009330032



933/S11	1	009330080
6-7-8-10-11-12		
13-14-17-19-22 mm		
933/S17	1	009330081
6-7-8-9-10-11-12		
13-14-15-16-17		
18-19-20-21-22 mm		
933/S25	1	009330082
6-7-8-9-10-11-12-13		
14-15-16-17-18-19		
20-21-22-23-24-25		
26-27-28-30-32 mm		

935

double ended hexagon tubular socket wrenches, light series



UNI 6746 DIN 896

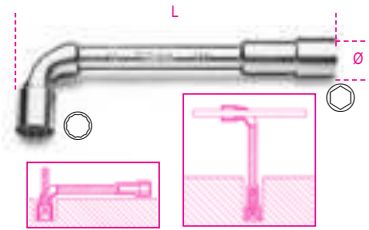
mm	L mm		
6x7	100	5	009350105
8x9	110	5	009350111
10x11	120	5	009350115
12x13	130	5	009350117
14x15	140	5	009350126
16x17	150	5	009350128
18x19	160	5	009350131
20x22	170	3	009350138
21x23	180	3	009350141
24x26	190	3	009350144
25x28	200	2	009350150
27x29	210	2	009350153
30x32	220	2	009350156



935/S8	1	009350181
6x7-8x9-10x11		
12x13-14x15-16x17		
18x19-20x22 mm		
940/1 - /2		
935/S13	1	009350183
6x7-8x9-10x11		
12x13-14x15-16x17		
18x19-20x22-21x23		
24x26-25x28-27x29		
30x32 mm		
940/1 - /2 - /3		

937

double ended hexagon / bi-hex socket wrenches, chrome-plated



mm	Ø mm	L mm		
6x6	11,5	110	5	009370006
7x7	12,5	116	5	009370007
8x8	13,0	120	5	009370008
9x9	14,0	125	5	009370009
10x10	16,5	133	5	009370010
11x11	17,5	143	5	009370011
12x12	19,0	148	5	009370012
13x13	19,5	154	5	009370013
14x14	21,5	167	5	009370014
15x15	22,5	182	5	009370015
16x16	24,5	193	5	009370016
17x17	26,0	198	5	009370017
18x18	26,5	215	5	009370018
19x19	29,0	220	5	009370019
20x20	30,5	222	3	009370020
21x21	30,5	236	3	009370021
22x22	32,5	250	2	009370022
23x23	33,5	256	2	009370023
24x24	35,0	272	2	009370024
25x25	36,5	282	2	009370025
26x26	37,5	296	2	009370026
27x27	39,0	296	2	009370027
28x28	39,0	314	2	009370028
30x30	42,5	348	2	009370030
32x32	45,5	364	2	009370032



937/S11	1	009370080
6-7-8-10-11-12		
13-14-17-19-22 mm		
937/S17	1	009370081
6-7-8-9-10-11-12		
13-14-15-16-17		
18-19-20-21-22 mm		

940

tommy bars for tubular wrenches items 930 and 935



mm	L mm			
940/1	6+13	100	5	009400001
940/2	14+22	170	5	009400002
940/3	21+32	290	5	009400003

941

hexagon / bi-hex socket wrenches,
with high torque handles



mm	L	L1	A1		
7x7	200	91	35	2	009410107
8x8	220	107	50	2	009410108
9x9	220	109	50	2	009410109
10x10	236	111	50	2	009410110
11x11	236	114	50	2	009410111
12x12	255	122	50	2	009410112
13x13	255	124	55	2	009410113



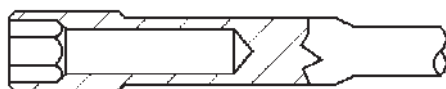
941/S7
7-8-9-10-11-12-13 mm

1 009410170

NUT SPINNERS WITH HANDLES

Suitable for quick, repeated screwing operations. The reduced thickness of the hexagons allows access to small spaces.

The interior exhaust hole makes it easier to work on nuts with projecting threaded parts. This is the case, in particular with deep, hi-torque nut spinners 944BX and 949.



The triple marking on the head makes it easier to identify the required size.

The flexible blade of model 943FL, which is made up of a steel core protected by a sheath, allows torque transmission in case of misalignment with the screw.

942BX

hi-torque hexagon nut spinners
short series



UNI 6750

mm	L	L1	A1		
4	190	70	13,0	5	009420003
5	190	70	14,0	5	009420004
5,5	190	70	12,5	5	009420005
6	190	70	14,5	5	009420006
7	190	70	15,5	5	009420007
8	202	70	18,5	5	009420008
9	202	70	19,5	5	009420009
10	202	70	20,5	3	009420010
11	202	70	21,5	3	009420011
12	202	70	22,5	3	009420012
13	202	70	23,5	3	009420013
14	202	70	24,5	3	009420014



942BX/S12
4-5-5,5-6-7-8-9
10-11-12-13-14 mm

1 009420030

943BX

hi-torque hexagon nut spinners
long series



ISO 2236 UNI 6750

mm	L	L1	A1		
4	270	150	13,0	5	009430003
5	270	150	14,0	5	009430004
5,5	270	150	12,5	5	009430005
6	270	150	14,5	5	009430006
7	270	150	15,5	5	009430007
8	282	150	18,5	5	009430008
9	282	150	19,5	5	009430009
10	282	150	20,5	3	009430010
11	282	150	21,5	3	009430011
12	282	150	22,5	3	009430012
13	282	150	23,5	3	009430013
14	282	150	24,5	3	009430014



943BX/S12
4-5-5,5-6-7-8-9
10-11-12-13-14 mm

1 009430030



943BX/D6
5-6-7-8-10-13 mm

1 009430026

943FL

flexible hexagon nut spinners
with handles



mm	L	L1	Ø		
5	265	150	8	2	009430304
5,5	265	150	8	2	009430305
6	265	150	9	2	009430306
7	265	150	11	2	009430307
8	265	150	12	2	009430308
10	290	175	14	2	009430310



943FL/S6
5-5,5-6-7-8-10 mm

1 009430320

944BX

deep, hi-torque hexagon nut spinners
long series



ISO 2236 UNI 6750

mm	L	L1	A1	
4	245	125	20	3 009440003
5	245	125	25	3 009440004
5,5	245	125	30	3 009440005
6	245	125	35	3 009440006
7	245	125	35	3 009440007
8	257	125	50	3 009440008
9	257	125	50	3 009440009
10	257	125	50	3 009440010
11	257	125	50	3 009440011
12	257	125	50	3 009440012
13	257	125	55	3 009440013
14	257	125	55	3 009440014



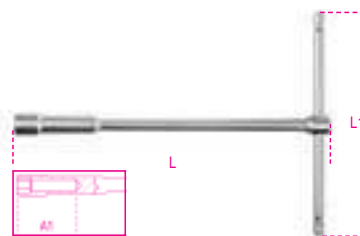
944BX/S12
4-5-5,5-6-7-8-9
10-11-12-13-14 mm



944BX/D6
5-6-7-8-10-13 mm

949

deep T-handle socket wrenches



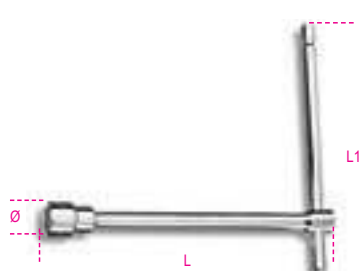
mm	L	L1	A1	
8	220	160	50	2 009490008
10	230	160	50	2 009490010
12	240	175	50	2 009490012
13	244	175	55	2 009490013
14	250	190	55	2 009490014
17	264	200	60	2 009490017



949/S6
8-10-12-13-14-17mm

950

T-handle hexagon socket wrenches



UNI 6742 DIN 3112

mm	L	Ø	L1	
6	210	10,1	145	3 009500006
7	212	11,2	145	3 009500007
8	220	12,4	160	3 009500008
9	223	13,5	160	3 009500009
10	230	14,9	160	3 009500010
11	233	16,1	160	3 009500011
12	240	17,5	175	3 009500012
13	244	19,7	175	3 009500013
14	250	20,1	190	3 009500014
15	254	21,5	190	3 009500015
16	260	22,7	200	3 009500016
17	264	24,1	200	3 009500017
19	274	26,6	230	3 009500019
22	290	29,9	290	2 009500022
24	300	32,2	320	2 009500024
27	315	36,2	370	2 009500027



950/S9
7-8-10-11-12
13-14-17-19 mm

950/S14
6-7-8-9-10-11-12-13
14-15-16-17-19-22 mm



Beta

Beta

951 T-HANDLE WRENCHES WITH THREE HEXAGON MALE ENDS



When this wrench was launched, back in 1980, it was a revolution. Designed to work on high-resistance screws, it is the name for quick handling, accurate fit and flexible use.

The hexagon T handle can be adjusted as required.

The hexagon ends are designed to transmit the maximum possible torque to the screw.

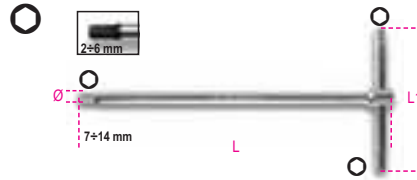
The rod length allows remarkable torques to be effortlessly applied to the screws.

Ongoing production improvements have translated, for example, into sandblasted finishes and sharp-edged hexagon ends which allow a better fit onto any screws, including damaged ones.

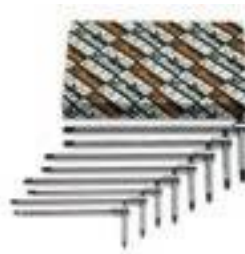
Laser marking results in a sturdier rod.

951

T-handle wrenches with three hexagon male ends



mm	L mm	L1 mm	Ø mm		
2	125	63	4,0	5	009510521
2,5	150	63	4,0	5	009510525
3	150	63	4,0	5	009510530
3,5	175	76	5,5	5	009510535
4	175	76	5,5	5	009510540
4,5	195	87	6,5	5	009510545
5	195	87	6,5	5	009510550
6	215	99	8,0	5	009510560
7	230	109	9,0	5	009510570
8	250	122	10,0	5	009510580
9	265	132	11,0	5	009510590
10	280	142	12,0	5	009510610
12	305	160	15,0	3	009510620
14	330	178	17,0	3	009510640



951/S6 2,5-3-4-5-6-8 mm	1	009510687
951/S8 2-2,5-3-3,5-4-4,5-5-6 mm	1	009510693
951/S14 2-2,5-3-3,5-4-4,5-5-6-7-8-9-10-12-14 mm	1	009510695

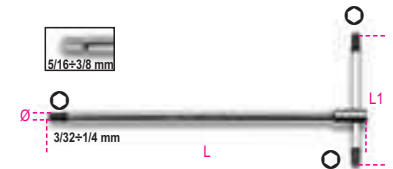


951/SP6 3-4-5-6-8-10 mm	1	009510696
951/SPV	1	009510697



951AS

T-handle wrenches with three hexagon male ends



"	L mm	L1 mm	Ø mm		
3/32	125	63	4,0	2	009510750
7/64	150	63	4,0	2	009510751
1/8	150	63	4,0	2	009510752
9/64	175	76	5,5	2	009510753
5/32	175	76	5,5	2	009510754
3/16	195	86	6,5	2	009510755
7/32	215	99	8,0	2	009510757
1/4	230	109	9,0	2	009510758
5/16	250	122	10,0	2	009510759
3/8	280	142	12,0	2	009510760



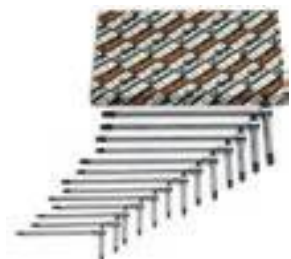
951AS/S6X 1/8-3/16-7/32-1/4-5/16-3/8	1	009510771
--	---	-----------

951TX

T-handle wrenches with three male ends for Torx® head screws

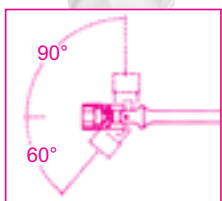
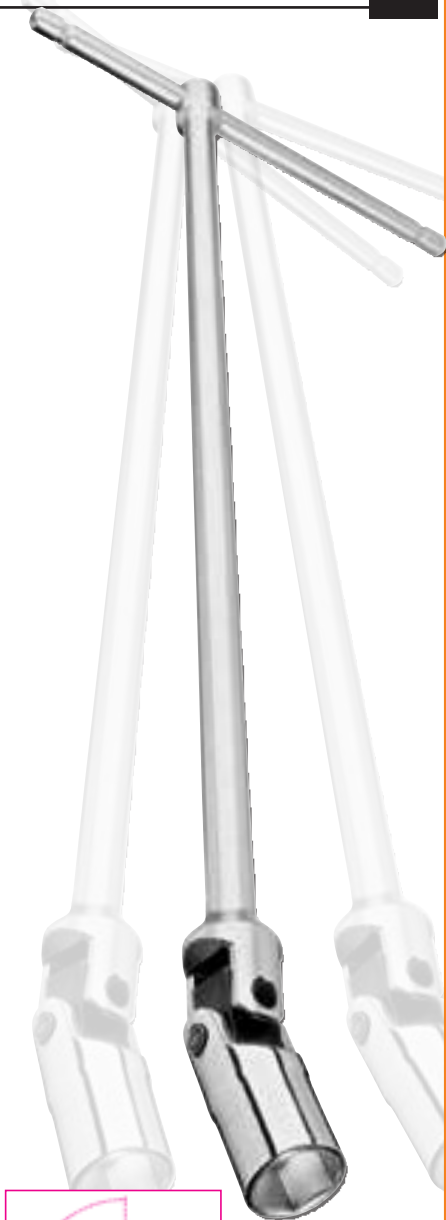


Ø	L mm	L1 mm	Ø mm		
T6	125	63	4	3	009510806
T7	125	63	4	3	009510807
T8	125	63	4	3	009510808
T9	125	63	4	3	009510809
T10	150	63	4	3	009510810
T15	150	63	4	3	009510815
T20	175	76	5	3	009510820
T25	175	76	5	3	009510825
T27	195	87	6	3	009510827
T30	195	87	6	3	009510830
T40	215	99	7	3	009510840
T45	230	109	8	3	009510845
T50	250	122	9	3	009510850



951TX/S6 T8-T10-T15-T20-T25-T30	1	009510866
951TX/S13 T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45-T50	1	009510863

952 T-HANDLE WRENCHES WITH SWIVELLING HEXAGON SOCKETS



Reliable, precise pre-positioning is the secret for the success of this wrench.

The articulated joint maintains its function over the years, no adjustment being required.

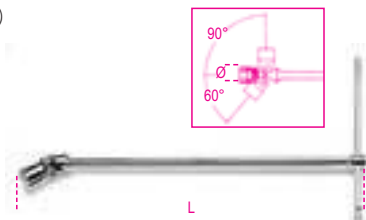
Socket rotation angle: 60°. Can be used at 90° in fixed position.

Sliding T-handle, can be stopped in the required position throughout its length.

Triple size marking on head.

952

T-handle wrenches with swivelling hexagon sockets



UNI 6743

mm	Ø mm	L mm	Hand	Part No.
6	9,5	395	5	009520006
7	10,7	395	5	009520007
8	12,1	395	5	009520008
9	13,2	395	5	009520009
10	14,6	400	5	009520010
11	15,8	400	5	009520011
12	17,0	400	5	009520012
13	18,7	432	5	009520013
14	19,7	432	5	009520014
15	20,9	450	3	009520015
16	22,0	450	3	009520016
17	23,4	450	3	009520017
18	24,7	450	3	009520018
19	26,0	500	3	009520019
20	27,4	500	3	009520020
21	28,5	500	3	009520021
22	29,7	500	3	009520022
24	32,4	500	3	009520024



952/S7 8-10-11-13-14-17-19 mm 1 009520074

952/S10 7-8-10-11-12-13-14-15-17-19 mm 1 009520080

952/S18 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24 mm 1 009520083

852



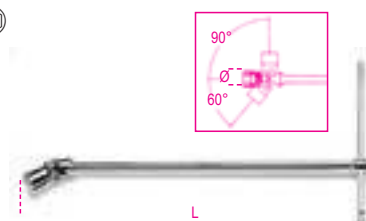
852

78,84



952AS

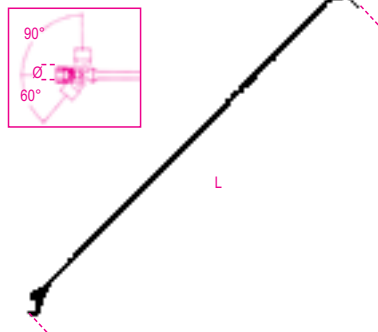
T-handle wrenches with swivelling hexagon sockets



"	Ø mm	L mm	Hand	Part No.
1/4	9,5	395	2	009520256
5/16	12,1	395	2	009520258
3/8	14,6	400	2	009520260
7/16	15,8	400	2	009520261
1/2	18,7	432	2	009520263
9/16	19,7	432	2	009520264
5/8	22,0	450	2	009520266
11/16	23,4	450	2	009520267
3/4	26,0	500	2	009520269

952L

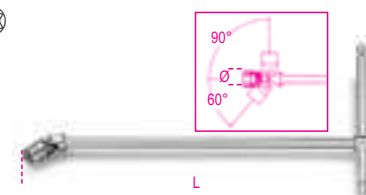
T-handle wrenches with swivelling hexagon sockets, long series



mm	Ø mm	L mm	Hand	Part No.
10	14,6	930	1	009520410
12	17,0	1063	1	009520412
13	18,7	1100	1	009520413
14	19,7	1100	1	009520414
15	20,9	1100	1	009520415
16	22,0	1100	1	009520416
17	23,4	1100	1	009520417
18	24,7	1100	1	009520418
19	26,0	1100	1	009520419

952FTX

T-handle wrenches with swivelling socket, for Torx® head screws



mm	Ø mm	L mm	Hand	Part No.
E6	8	392	2	009520106
E7	9	392	2	009520107
E8	10	395	2	009520108
E10	13	400	2	009520110
E12	15	440	2	009520112
E14	17	490	2	009520114
E16	19	490	2	009520116
E18	21	490	2	009520118
E20	23	490	2	009520120

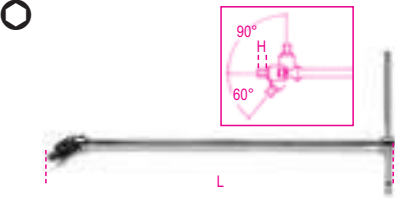


952FTX/S9
E6-E7-E8-E10-E12
E14-E16-E18-E20

1 009520141

953

T-handle wrenches with swivelling hexagon male ends



UNI 6754

mm	H mm	L mm	
3	5	395	5 009530130
3,5	6	395	3 009530135
4	6	395	5 009530140
4,5	7	395	3 009530145
5	7	395	5 009530150
6	9	400	5 009530160
7	10	425	3 009530170
8	11	425	5 009530180
10	13	440	5 009530200



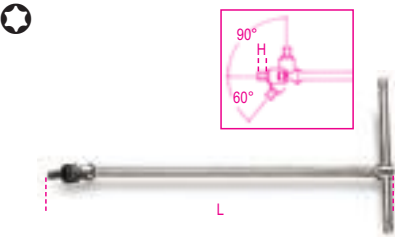
953/S5
3-4-5-6-8 mm
953/S9
3-3,5-4-4,5
5-6-7-8-10 mm

1 009530305

1 009530301

953TX

T-handle wrenches with swivelling end for Torx® head screws



mm	H mm	L mm	
T20	11	396	2 009530020
T25	11	396	2 009530025
T27	11	396	2 009530027
T30	13	400	2 009530030
T40	13	400	2 009530040
T45	13	426	2 009530045
T50	14	442	2 009530050
T55	14	442	2 009530055



953TX/S8
T20-T25-T27-T30
T40-T45-T50-T55

1 009530060

VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

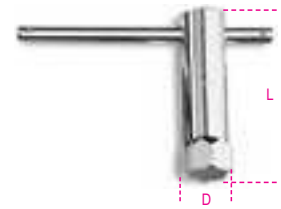
The vehicle repair tools are found in these sections:

Diagnosics
items 1438 to 1499 items 1758VT to 1760TMC
Engine
items 955 to 989A items 1438 to 1499
Oil and filters
items 1438 to 1499 items 1877 to 1885
Electric system
items 1438 to 1499
Starters
items 1498BC/12 to 1498/40A
Transmission
items 1438 to 1499
Suspension
items 1549 to 1569CP
Brakes
items 1438 to 1499
Wheels
items 955 to 989A
Body work
items 1302 to 1369 items 1763 to 1767A
Other equipment
items 1878 to 3067
Jacks
items 3029/2T to 3067/70-13T



955

tubular spark-plug wrench
chrome-plated, hexagon end



mm -"	D mm	L mm	
16	21	86	3 009550016
5/8			
20,8	29	86	3 009550021
13/16			

956C

1/2" square drive spark plug sockets
chrome-plated, hexagon ends



ISO 11168

mm -"	Ø mm	L mm	
14	18,8	70	3 009560008
9/16			
16	21,4	70	3 009560010
5/8			
17,8	23,6	70	3 009560011
11/16			
20,8	27,0	70	3 009560012
13/16			

956E

3/8" square drive spark plug sockets
chrome-plated, hexagon ends



ISO 11168

mm -"	Ø mm	L mm	
14	18,8	70	3 009560018
9/16			
16	21,4	70	3 009560020
5/8			
17,8	23,6	70	3 009560021
11/16			
20,8	27,0	70	3 009560022
13/16			

956F

3/8" square drive spark plug sockets



mm -"	Ø mm	L mm	
14	18,8	70	1 009560114
9/16			
16	20,5	70	1 009560116
5/8			

Beta

956L

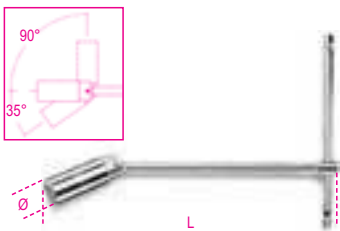
1/2" square drive spark plug sockets, bi-hex ends, long series



mm - "	Ø mm	L mm	
14	19,0	250	2 009560214
9/16	21,0	250	2 009560216
5/8	17,8	250	2 009560217
11/16	20,8	250	2 009560221
13/16			

957

T-handle spark plug wrenches with swivelling sockets

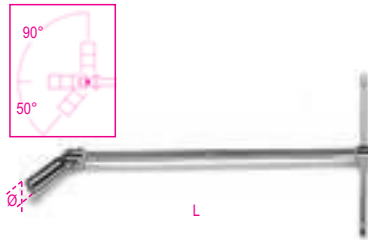


ISO 11168

mm - "	Ø mm	L mm	
16	21,4	275	3 009570000
5/8	20,8	27,0	3 009570001
13/16			

959

T-handle spark plug wrenches with swivelling sockets, standard series



ISO 11168

mm - "	Ø mm	L mm	
14	18,8	483	3 009590009
9/16	21,4	483	3 009590010
5/8	20,8	527	3 009590011
13/16			

959R

rubber inset and spare spring for items 956C - 956E - 957 - 959

959R/14	3 009590223
956C/14-956E/14	
959R/16	3 009590224
956C/16-956E/16	
957/16-959/16	
959R/17,8	3 009590225
956C/17,8-956E/17,8	
959R/20,8	3 009590226
956C/20,8-956E/20,8	
957/20,8-959/20,8-959L	

960

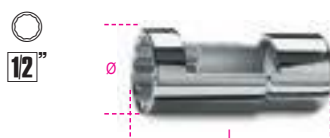
1/2" square drive socket for Diesel engine injectors



mm	Ø mm	L mm	
27	36,5	77	2 009600027

960A

1/2" square drive socket for Diesel engine injectors



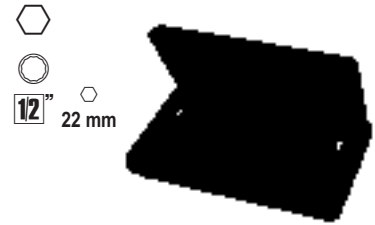
mm	Ø mm	L mm	
27	36,5	77	2 009600017

960BC/C5

set of 5 sockets for injector electric connection

set contents:

- 1 open hexagon socket, 25 mm
- 1 open hexagon socket, 27 mm
- 1 open hexagon socket, 29 mm
- 1 open hexagon socket, 30 mm
- 1 bi-hex socket, 28 mm



960BC/C5 1 009600280

280x160x55 mm - 1,9 kg

960BC

open-end hexagon sockets for injector electrical connections



mm	
25	1 009600285
27	1 009600287
29	1 009600289
30	1 009600290

960BC/P 28

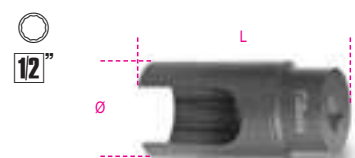
bi-hex socket for injector electrical connections



960BC/P 28 1 009600288

960BT/B

sockets for injector electrical connections

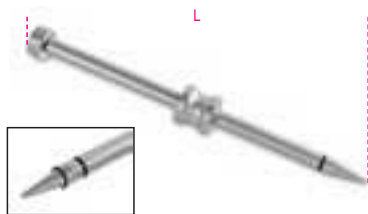


mm	Ø mm	L mm	
29	38,5	77	1 009600128

960ER

slide hammer for injector washers

stepped drill bit



L	mm	1	009600726
350			

960F

socket for nozzle holder ring nuts



Ø	Ø1	Ø2	L	mm	mm	mm	mm	1	009600148
28,3	22	32	22						

960G

socket for Diesel engine injectors of Mercedes-Benz trucks



Ø	Ø1	L	mm	mm	mm	1	009600151
28,5	22	32	122				

960L

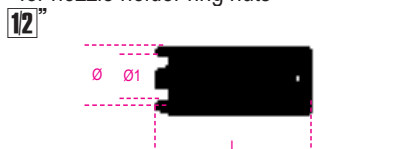
socket for nozzle holder ring nuts



Ø	Ø1	L	mm	mm	mm	1	009600153
30	22	122					

960M

socket for nozzle holder ring nuts



Ø	Ø1	L	mm	mm	mm	1	009600154
28,5	22	72					

960H/C4

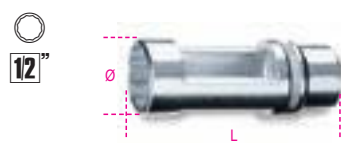
set of sockets for nozzle holder ring nuts



960H/C4	1	009600152
---------	---	-----------

960S

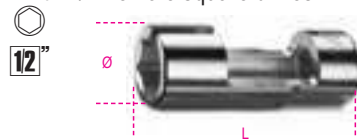
1/2" square drive socket for Diesel engine injectors



Ø	L	mm	mm	1	009600022
22	82				

960SL

sockets for Lambda probes with 1/2" female square drives



Ø	L	mm	mm	2	009600085
33	85				
960SL85	85				
960SL110	110				
33	110				

960SN

Diesel engine glow plug wrenches



Ø	Ø	L	mm	mm	mm	2	009600834
8	12,0	1/4	60				
9	13,3	1/4	60				
10	14,5	3/8	70				
11	15,8	3/8	70				
12	17,0	3/8	70				



960T/C11

assortment of sockets for removing/installing sensors

sensors

Kit contents:

- 1 double ended hexagon socket, size 1" - 11/16" for oil pressure sensors
- 1 open end hexagon socket, 29 mm, for oxygen sensors
- 1 open end bi-hex socket, 27 mm, for injectors
- 1 open end hexagon socket, 22 mm, for vacuostats
- 1 open end hexagon socket, 22 mm, 80 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, 90 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, compact, 30 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, compact, 50 mm long, for oxygen sensors
- 1 open end hexagon and bi-hex socket, 22 mm, compact, 34 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, tube-shaped
- 1 tap M18x1.5



Ø 22 - 29 mm

960T/C11	1	009600031
----------	---	-----------

330x270x25 mm

960T/A

open end hexagon socket, 29 mm, for oxygen sensors



Ø	L	mm	mm	1	009600032
29	90				

960T/B

open end bi-hex socket, 27 mm, for injectors



Ø	L	mm	mm	1	009600033
27	85				

960T/C

open end hexagon socket, 22 mm, for vacuostats



mm	mm	
22	88	1 009600034

960T/D

open end hexagon socket, 22 mm, 90 mm long, for oxygen sensors



mm	mm	
22	90	1 009600035

960T/E

open end hexagon socket, 22 mm, 80 mm long, for oxygen sensors



mm	mm	
22	80	1 009600036

960T/F

double ended hexagon socket, size 1" - 1 1/16", for oil pressure sensors



	mm	
1 - 1 1/16"	28	1 009600037

960T/G

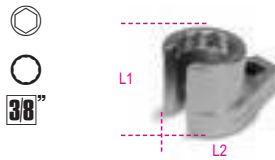
open end hexagon socket, 22 mm, tube-shaped



mm	mm	
22	98	1 009600038

960T/H

open end hexagon and bi-hex socket, 22 mm, compact, 34 mm long, for oxygen sensors



mm	mm	
22	34	1 009600039

960T/I

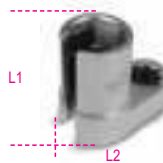
open end socket, 22 mm, compact, 30 mm long, for oxygen sensors



mm	mm	
22	30	1 009600040

960T/L

open end socket, 22 mm, compact, 50 mm long, for oxygen sensors



mm	mm	
22	50	1 009600041

960T/M

tap M18x1.5



mm	mm	
21	50	1 009600042

960/22EP

double head swivel socket wrench for Lambda probes
Double hexagon/bi-hex and 180° joint result in remarkable versatility



mm	mm	
300	22	1 009600052

960/C6

3/8" female drive hexagon sockets for removing/installing exhaust gas temperature sensors

- Kit contents:
- 3 short sizes, 13, 14, 17 mm
 - 3 long sizes, 13, 14, 17 mm



mm	
170x120x50	1 009600055

960/D

open hexagon wrenches, long series, for removing/installing exhaust gas temperature sensors



mm	mm	
13		1 009600073
14		1 009600074
17		1 009600077

960YP

open offset hexagon wrenches
for removing/installing exhaust gas
temperature sensors

3/8"



mm	
13	1 009600063
14	1 009600064
17	1 009600067

960AVE

device for testing common rail diesel electrical
injectors



960AVE 1 009600245

430x310x50 mm - 2,0 kg

960CMB

instrument for controlling compression on
petrol engines



Bar 4÷17 1 009600250

440x370x100 mm - 2,2 kg

960CMB/R2

spare cards for item 960CMB



960CMB/R2 1 009600252

960CMD

instrument for controlling compression
on Diesel engines



Bar 8÷40 1 009600270

440x370x100 mm - 2,4 kg

960CMD/R1

spare cards for item 960CMD



960CMD/R1 1 009600271

960EPC

set of tools for removing glow plug electrode

M8x1 - M9x1 - M10x1 - M10x1,25



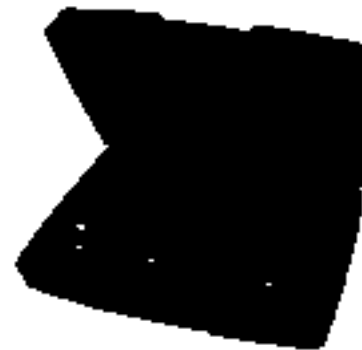
960EPC 1 009600790

270x230x80 mm - 900 g

960EPC/L

set of tools for removing glow plug electrode
face

M8x1 - M9x1 - M10x1 - M10x1.25



960EPC/L 1 009600890

270x230x80 mm - 2 kg

960E-PI/P

injector washer extractor

• Male thread M10 for use
with sliding hammer (Beta 1540)



960E-PI/P 1 009600706

300x90x60 mm

960KC-M8/M9/M10

assortment of tools for removing
broken or damaged glow plugs

• For spark plugs with threads M8-M9-M10



960KC-M8/9/10 1 009600801

380x290x50 mm - 2,3 kg

960KPC

reversible impulse extractor with adjustable torque for glow plugs

Torque can be adjusted in 4 positions:
10-20-30-40 Nm

14
CE



960KPC

8-9-10-11-12 mm

420x185x60 mm - 2,8 kg

1 009600780

960UC

tool set for removing stuck M8-M9-M10 glow plugs with deformed tips



960UC

270x230x80 mm - 2,6 kg

1 009600900

960P

pressure/depressure tester with accessories and adaptors



960P

350x320x95 mm - 1,9 kg

1 009600777

960PI

assortment of reamers for cleaning injector seats

in plastic case

For removing residues from injector seats

- Flat reamer, Ø 19 - 15 mm, for universal injectors
- Flat reamer, Ø 17 - 17 mm, for Delphi/Bosch injectors (BMW/PSA/Renault/Ford)
- Flat reamer, Ø 19 - 17 mm, for Bosch injectors (Mercedes CDI).
- Angled reamer, Ø 21 - 17 mm, for Fiat/veco injectors.
- Handle



960PI

250x130x50 mm - 600 g

1 009600215

960PI/C19

assortment of 19 tools for cleaning injector seats

Kit contents:

- 11 flat reamers, Ø:
14/14 mm - 15.5/15.5 mm - 15/19 mm - 17/19 mm - 17/17.5 mm
17/19 mm - 17/19.5 mm - 17/20 mm - 18/21 mm - 19 mm - 20/21 mm
- 4 angled reamers, Ø:
15.5/15.5 mm - 17/17 mm - 17.5/20.5 mm - 17/21 mm
- Handle and cutter accessories



960PI/C19

360x230x60 mm

1 009600217

960PI/S

kit for cleaning injector seats

Kit contents:

- 3 steel brushes, Ø 18, 22, 25 mm, for cleaning injector seats
- 2 brushes, Ø 14 and 16 mm, for cleaning injector seat bottoms
- 6 caps for closing hole connecting with combustion chamber
- 1 brush for cleaning hole connecting with combustion chamber
- 1 flexible bit holder with handle



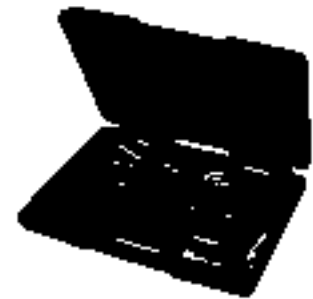
960PI/S

360x140x50 mm - 700 g

1 009600214

960VTC

leakage tester for petrol engine cylinders after compressed air has been introduced into cylinder, gauge will allow it to be tested for compression leaks



960VTC

373x295x70,6 mm - 2,3 kg

1 009600261

960RPI

blowing tool for injectors seat cleaning

for M8x1 - M9x1 - M10x1 - M10x1.25 glow plugs



960RPI

1 009600940

960PMC

diesel injector test and calibrating hand pump



Bar Max.
600

1 009600261

960AVL

vapour extractor



Bar Max.
6

1 009600210



961P6

electronic videoscope
with flexible probe



CE

- Supports SD cards (8 GB)
- Supports flash memories (8 GB)
- Internal memory: 128M
- TV-OUT feature
- Supports video formats (MP4, AVI, 3GP)
- 4 LEDs
- Power supplied by USB port (built-in battery)

SPECIFICATIONS

- Sensor pixels: 640x480
- Maximum resolution: 320x240
- Probe length: 1 m
- Camera diameter: 6 mm
- Video formats: MPEG4, 3GP, AVI, ASF
- Photo formats: JPEG
- Shooting angle: 0+180°
- Data output: USB cable and SD card
- Power supply: 3.7V 2000 mAh battery

961P6

1 009610000

961P6/S

flexible probes, 6 mm



	L mm		
961P6/S1	1000	1	009610006
961P6/S2	2000	1	009610262
961P6/S3	3000	1	009610263

962

tyre levers



L mm	A mm		
300	21	5	009620003
400	25	5	009620004
500	27	3	009620005
600	27	3	009620006

962C



962C

279

962P

tyre levers with non-scratch
rubber protection



L mm	A mm		
490	25	1	009620049

962M

tyre removal/installation tool

particularly recommended for runflat tyres and
lower shoulder models

- non-scratch rim locking jaws
- tyre removal lever seat



962M

1 009620501

963

pry bar with pointed and flat bent ends



L mm	A mm		
400	23	5	009630001



964

pry bar with pointed and leverage ends



L mm	A mm		
400	46	5	009640001

965

pry bars with flat curved ends



L mm	A mm	L1 mm		
300	16	185	2	009650013
450	20	312	2	009650014
600	20	462	2	009650016



965/S3

1 009650019

966/C3

set of 3 levers with articulated, flat, curved
heads



966/C3

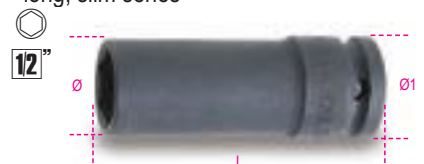
L=200-250-300 mm

1 009660103

355x140x65 mm - 1,8 kg

720LS

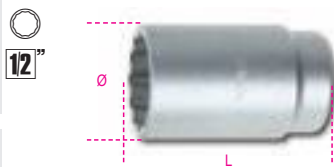
impact sockets,
long, slim series



	Ø	L	Ø1		
	mm	mm	mm	mm	mm
720LS 36	36	48,0	78	29	2 007200386

969B

hub nut locking socket



mm	Ø mm	L mm	
24	36,0	76	1 009690124
27	36,0	76	1 009690127
30	40,0	76	1 009690130
31	42,0	76	1 009690131
32	42,5	76	1 009690132
34	45,0	76	1 009690134
35	46,0	76	1 009690135
36	49,0	76	1 009690136

969/C5

set of 5 hub nut locking sockets in plastic case



969/C5 1 009690201

969B 30-32-34-35-36

970B

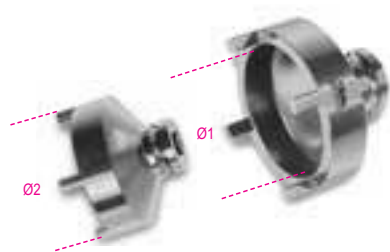
socket for locking Fiat Daily hub nuts



mm	Ø mm	L mm	
65	88	75	1 009700010

970IVECO

hook socket for Iveco Daily hub nuts for versions from year 2014



Ø1 mm	Ø2 mm	
61,5	74,8	1 009700011

971/C8

torque screwdriver with accessories for controlled tightening of tyre valves with pressure control system



971/C8 1 009710108

	583/6	1,2+6 Nm
	892/0	
	862TX	T10-T15-T20
	900L	11-12 mm
	986 78	

972/C4BMW

removal kit for anti-theft bolts with free rings, for BMW and Mini cars



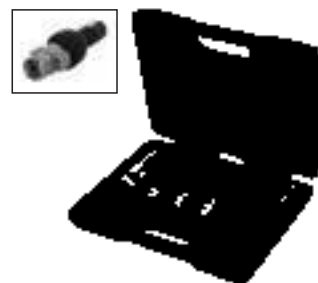
972/C4BMW 1 009720004

516x145x66 mm - 3,8 kg

972/C10

removal kit for damaged wheel nuts

for use on anti-theft and conventional nuts



972/C10 1 009720010

290x250x60 mm - 2,4 kg

973

kit of 4 nylon wheel covers

suitable for the following rims:
14" ± 18" item number 009730014
19" ± 22" item number 009730019



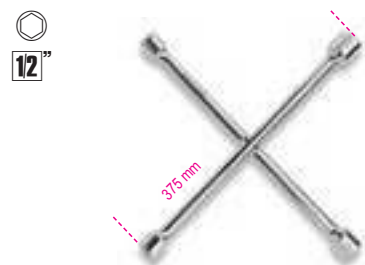
- Preserves and protects wheel from scratches and dust
- During storage, it prevents early deterioration of rubber polymers in summer or winter tyres
- An icon allows wheel position (right/left front or right/left rear) identification
- Provided with handles for convenient transportation
- Fabric: nylon, washable

973 14"±18" 1 009730014

973 19"±22" 1 009730019

978 - 979

four-way hexagon wheel nut wrenches



UNI/ISO 6788 DIN 3119

978 2 009780001

17x19x21x22 mm

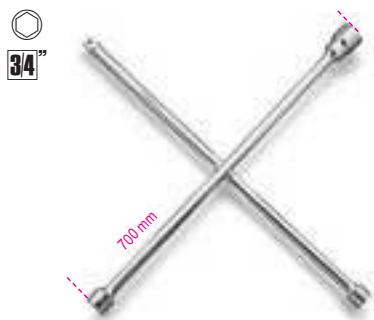
979 2 009790001

17x19x22x1/2 mm



982

four-way hexagon wheel nut wrench



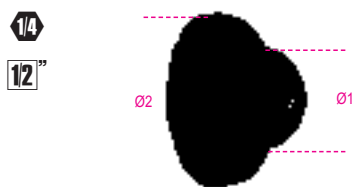
UNI/ISO 6788 DIN 3119

24x27x32x3/4 mm

1 009820001

983PM

abrasive brush for cleaning hubs



Ø1
mm
90

Ø2
mm
150

1 009830010

983 PM/R-DA

abrasive discs, pair, for item 983PM



Ø
mm
150

2 009830050

984

wheel nut plastic cap pliers



L
mm
195

H
mm
4

1 009840005

985/B7

assortment of 7 guide pins for wheel installation

Included sizes:

- M12X1.25 male
- M12x1.25 female
- M12x1.5 male
- M12x1.5 female
- M14x1.25 male
- M14x1.5 male
- M16x1.5 male



985/B7

1 009850007

985M

male guide pins for wheel installation



	L mm	
985M M12X1,25	150	1 009850101
985M M12X1,50	150	1 009850102
985M M14X1,25	150	1 009850103
985M M14X1,50	150	1 009850104
985M M16X1,50	150	1 009850105

985F

female guide pins for wheel installation



	L mm	
985F M12X1,25	150	1 009850106
985F M12X1,50	150	1 009850107



Beta

Quality Tools

986 48

tyre valve screwdriver, short model
automatic valve retention



L
mm
18

L1
mm
48

1 009860048

986 78

tyre valve screwdriver
automatic valve retention



L
mm
18

L1
mm
78

1 009860078

986PT

tyre valve screwdriver,
precalibrated, 0.4 Nm

automatic valve retention
slip mechanism prevents
valve core gasket
from getting damaged



L
mm
19

L1
mm
120

1 009860140

987

tyre valve lever
with rubber protection



L
mm
310

1 009870001

987AR

tyre valve lever
with non-scratch fulcrum

- rubber and nylon fulcrum for alloy and iron rims
- valve quick coupling, does not require screwing



L
mm
305

1 009870021

987P

tyre valve lever
made of plastic

Handle accommodates screwdriver to work on mechanism inside valve



L
mm
335

1 009870011

988/K4

set of 4 scratchproof plastic flat chisels



988/K4
A= 19-21-25-38 mm

1 009880104

989

wheel balancing weight tool



L
mm
250

2 009890001

989A

pliers for removing wheel balancing adhesive weights



Nose profile specially designed to remove weights without making contact with rim

L
mm
220

1 009890011

989B

combination pliers for wheel balancing weights

functions:

- removing adhesive weights for alloy rims
- removing weights for iron rims
- hammer with removable PE-HD covering for adhesive weights and iron rims
- weight jaws for iron rims



L
mm
230

1 009890015

990

straight thin knurled point spring tweezers made from stainless steel bright finish



L
mm
130

5 009900001

991

bent thin knurled point spring tweezers made from stainless steel, bright finish



L
mm
130

5 009910001

992

straight thin knurled point pin spring tweezers made from stainless steel bright finish



L
mm
150

5 009920001

993

bent thin knurled point pin spring tweezers made from stainless steel bright finish



L
mm
145

5 009930001

993PL

bent thin knurled point pin spring tweezers made from stainless steel PVC-coated



L
mm
150

3 009930010

Beta

Beta

Quality Tools

993G

pin spring tweezers, curved round ends, knurled made from stainless steel bright finish



L mm 160 3 009930030

994

straight large knurled point spring tweezers made from stainless steel bright finish



L mm 150 5 009940001

994PL

straight large knurled point spring tweezers made from stainless steel PVC-coated



L mm 150 3 009940010

994TF

spring tweezers, acid and magnetic resistant, large round noses, strong and knurled ends made from stainless steel semi-bright finish



L mm 150 3 009940020

996

straight end spring tweezers with wide tips made from stainless steel bright finish



L mm 150 5 009960001

998

cross knurled end spring tweezers made from stainless steel bright finish



L mm 155 5 009980001

999

flat round end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 115 3 009990011

999A

extra slim short end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 3 009990015

999B

strong straight end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 3 009990017

999C

extra slim straight end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 110 3 009990019

999D

extra slim angled end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 115 3 009990021

999E

extra slim curved end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 3 009990023

999G

extra slim straight end spring tweezers, acid and magnetic resistant with stop mechanism made from stainless steel semi-bright finish



L mm 140 3 009990027

999/B6N

set of 6 spring tweezers, acid and magnetic resistant



999/B6N 1 009990060
999-999A-999B
999C-999D-999E



1002

self-locking round end knurled tool made of stainless steel



L
mm
160

2 010020001

1008

long flat knurled nose pliers, slip-proof double layer PVC coated handles



ISO 5745

L mm 160 L1 mm 51,5

5 010080006

1008BM

long flat knurled nose pliers bi-material handles



ISO 5745

L mm 160 L1 mm 51,5

3 010080036

1009

extra-long knurled nose pliers, slip-proof double layer PVC coated handles



ISO 5745

L mm 160 L1 mm 56,5

2 010090006

1009L/A

extra long needle knurled nose pliers, for special operations, slip-proof double layer PVC coated handles



L mm 283 L1 mm 80

2 010090008

1009L/B

curved extra long knurled nose pliers, 45°, for special operations, slip-proof double layer PVC coated handles



L mm 273 L1 mm 73

2 010090009

1009L/C

bent extra long knurled nose pliers, 90°, for special operations, slip-proof double layer PVC coated handles



L mm 253 L1 mm 45

2 010090010

1009L/D

extra-long, knurled double swivel nose pliers, slip-proof double layer PVC coated handles



L mm 342 L1 mm 71

1 010090058

1009L/DP

curved extra-long knurled double swivel nose pliers, 45°, slip-proof double layer PVC-coated handles



L mm 336 L1 mm 66

1 010090059

1009L/DP-S2

Set of 2 extra-long, knurled double swivel nose pliers



1009L/DP-S2

1 010090060

1010

long round knurled nose pliers, slip-proof double layer PVC coated handles



ISO 5745

L mm 160 L1 mm 51,5

2 010100006

1010BM

long round knurled nose pliers bi-material handles



ISO 5745

L mm 160 L1 mm 51,5

2 010100036



CIRCLIP PLIERS (SEEGER TYPE)

PERFECT ALIGNMENT

Tests have shown that Beta's circlip pliers provide excellent seeger (snap ring) alignment, based on the special reverse cone geometry of the tips, obtained through the company's exclusive cold-pressing technology.



REDUCED TIP BREAKAGE

Beta's pliers are fitted with built-in cold-pressed tips, which provide increased durability compared to competitors', both when used and in case of accidental drops.



1031/S4

set of 4 circlip pliers



1031/S4
1032 180 ⌀ 19 ÷ 60 mm
1034 170 ⌀ 19 ÷ 60 mm
1036 175 ● 19 ÷ 60 mm
1038 175 ● 19 ÷ 60 mm

1 010310000

1032

internal circlip pliers, straight pattern
PVC-coated handles



UNI 7914 DIN 5256

L mm	Ø mm		
140x0,9	8÷12	5	010320013
140x1,3	12÷25	5	010320014
180	19÷60	5	010320017
225	40÷100	3	010320021
300	85÷200	2	010320028

1033

internal circlip pliers, bent pattern,
45° PVC-coated handles



UNI 7914 DIN 5256

L mm	Ø mm		
140x0,9	8÷12	5	010330013
140x1,3	12÷25	5	010330014
180	19÷60	5	010330017
225	40÷100	3	010330021

1034

internal circlip pliers, bent pattern,
90° PVC-coated handles



UNI 7914 DIN 5256

L mm	Ø mm		
130x0,9	8÷12	5	010340013
130x1,3	12÷25	5	010340014
170	19÷60	5	010340017
210	40÷100	3	010340021
290	85÷200	2	010340028

1034L

90° curved long nose pliers
for elastic safety rings for holes,
PVC-coated handles



L mm	Ø mm		
190	40÷100	2	010340320

1036

external circlip pliers, straight pattern
PVC-coated handles



UNI 7915 DIN 5254

L mm	Ø mm		
140x0,9	3÷10	5	010360013
140x1,3	10÷25	5	010360014
175	19÷60	5	010360017
225	40÷100	3	010360021
300	85÷200	2	010360028

1037

external circlip pliers, bent pattern,
45° PVC-coated handles



UNI 7915 DIN 5254

L mm	Ø mm		
140x0,9	3÷10	5	010370013
140x1,3	10÷25	5	010370014
175	19÷60	5	010370017
225	40÷100	3	010370021

1038

external circlip pliers, bent pattern,
90° PVC-coated handles



UNI 7915 DIN 5254

L mm	Ø mm		
135x0,9	3÷10	5	010380013
135x1,3	10÷25	5	010380014
175	19÷60	5	010380017
220	40÷100	3	010380021
300	85÷200	2	010380028

1039

straight point pliers for internal and external circlips PVC-coated handles



L mm	Ø mm	Ø mm	
150	10÷15	6÷25	2 010390015

1558/C4

internal and external snap ring tool, screw-operated

square drive allows a high force to be applied in both operating conditions
Supplied tips: Ø 2.5-3-3.5 mm



1558/C4	Ø mm	Ø mm	
5,5 ÷ 77	5,5 ÷ 77	5,5 ÷ 77	1 015580100

330x220x50 mm - 900 g

1044

slip joint pliers overlapping joint PVC-coated handles

· 9-position model



ISO 8976

L mm	A max mm	L1 mm	
250	48	39	5 010440250

1044F

slip joint pliers overlapping joint PVC-coated handles

· 9-position model



ISO 8976

L mm	A max mm	L1 mm	
250	48	39	5 010440015

1047

slip joint pliers, push button adjustment



L mm	A max mm	L1 mm	
180	30	29	2 010470180
240	36	35	2 010470240
300	50	48	1 010470300

1047BM

slip joint pliers, push button adjustment, bimaterial handles



L mm	A max mm	L1 mm	
240	36	35	2 010470340

POLIGRIP - 1048N SLIP JOINT PLIERS, BOXED JOINTS

OUTSTANDING GRIP AND UNIQUE EASE OF HANDLING

- Tooth geometry and angle designed for effective, safe grip on hexagonal and cylindrical profiles
- Induction hardened teeth for longer durability
- Wider head/handle angle for improved ergonomic handling
- Contrast retainer preventing accidental hand crushing
- Innovative, slip-proof PVC coated handles
- Unparalleled ease of handling and comfort thanks to larger handle contact surface



1048N

slip joint pliers, slip-proof PVC coated handles



ISO 8976

L mm	A max mm	L1 mm	S mm	
175	36	31	11	3 010480910
250	46	38	13	5 010480915
300	60	44	14.8	2 010480920

1048N/D3

set of slip joint pliers

phosphated heads



1048N/D3
175-250-300 mm

1 010480923

1048BM

slip joint pliers, boxed joint, bimaterial handles

· new 9-position model



ISO 8976

L mm	A max mm	L1 mm	
250	48	39	3 010480215

1048VN

slip joint pliers, boxed joints, with orange lacquered finish

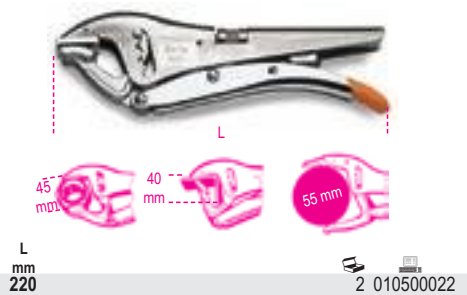


ISO 8976

L mm	A max mm	L1 mm	
175	36	31	3 010480111
250	46	38	5 010480116
300	60	44	2 010480121

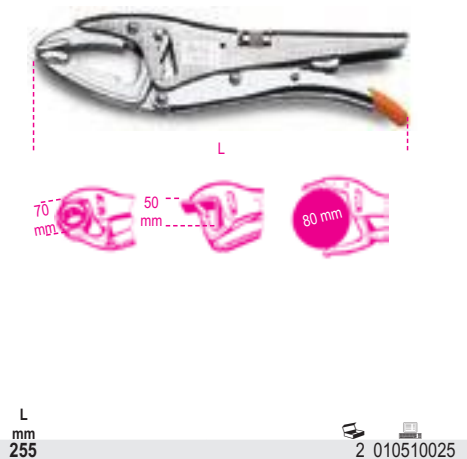
1050

double adjustment self-locking pliers



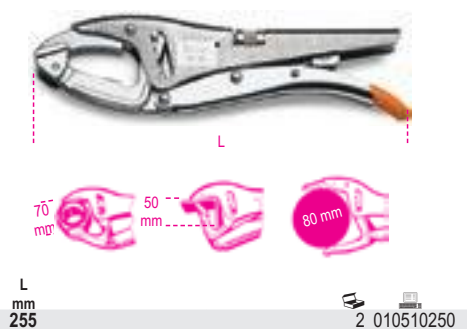
1051

double adjustment self-locking pliers long jaws



1051GM

double adjustment self-locking pliers, floating jaw



1051L

large-capacity double adjustment self-locking pliers



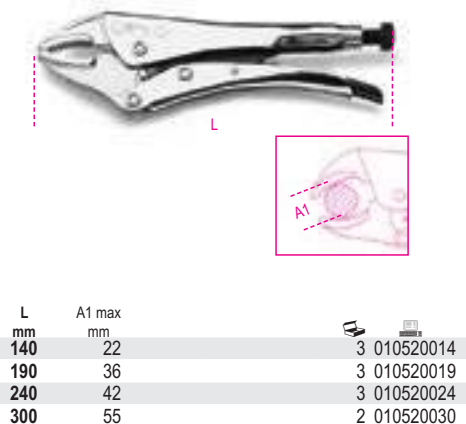
1051XL

large-capacity double adjustment self-locking pliers, extra-long jaws



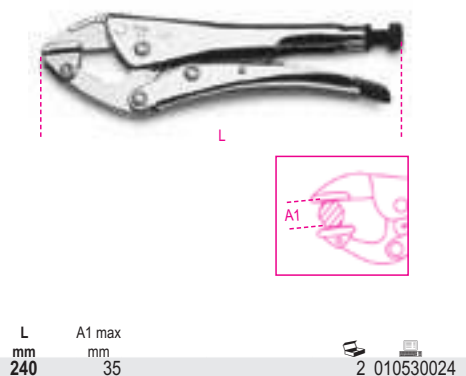
1052

adjustable self-locking pliers, concave jaws



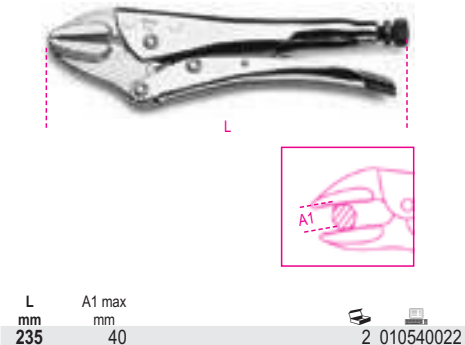
1053

adjustable self-locking pliers, floating jaw



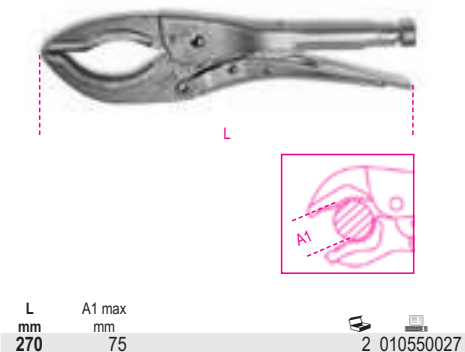
1054

adjustable self-locking pliers, straight jaws



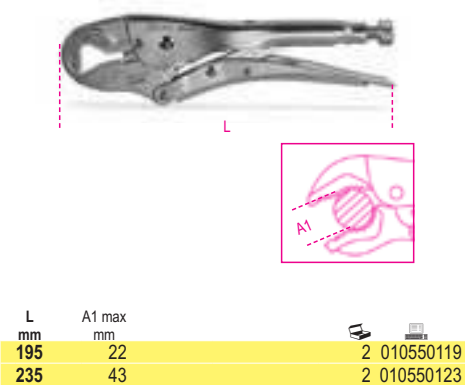
1055

adjustable self-locking pliers, curved jaws



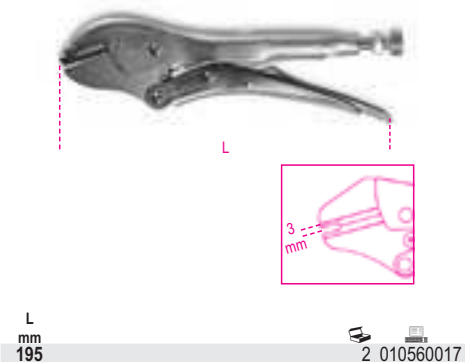
1055D

adjustable self-locking pliers, for nuts and cylindrical profiles



1056

adjustable self-locking pliers for refrigeration technicians



1057A

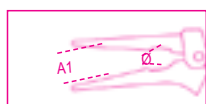
automatic self-locking pliers with adjustable force



L mm	
240	2 010570124

1058

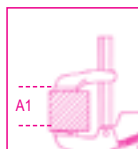
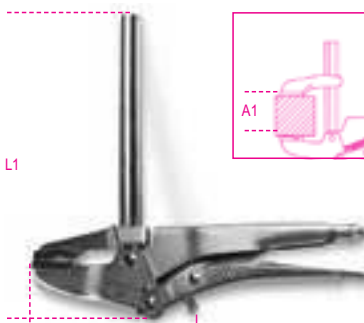
adjustable self-locking pliers, long jaws



L mm	A1 max mm	Ø max mm	
175	34	26	2 010580017
225	46	31	2 010580025

1059

adjustable self-locking pliers with one sliding jaw

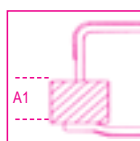


L1 mm	L mm	A1 mm	
160	255	120	1 010590016
270	255	220	1 010590027



1060

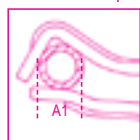
adjustable self-locking pliers, fork-type jaws



L mm	A1 max mm	
200	50	2 010600020
280	80	2 010600028

1061

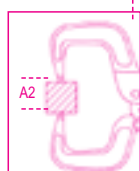
adjustable self-locking pliers, fork-type jaws



L mm	A1 max mm	
275	80	2 010610027

1062

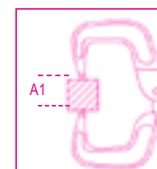
adjustable self-locking pliers with C-shaped jaws



L mm	A2 max mm	
170	50	2 010620017
290	120	2 010620029
460	255	1 010620045

1062AL

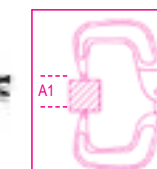
adjustable self-locking pliers, aluminium C-shaped jaws



L mm	A1 max mm	
275	88	2 010620327

1062GM

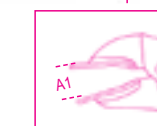
adjustable self-locking pliers with floating C-shaped jaws



L mm	A1 max mm	
170	45	2 010620217
290	88	2 010620229
460	255	1 010620245

1063

adjustable self-locking pliers for tinsmiths

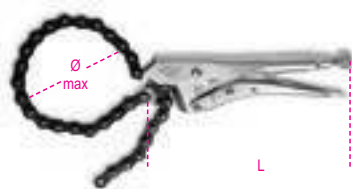


L mm	A1 max mm	
200	31	2 010630021



1064

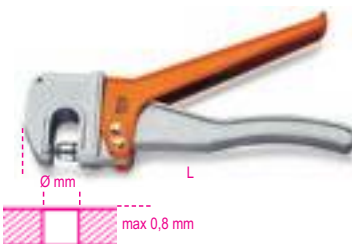
adjustable self-locking pliers with chain



L	∅		
mm	mm		
230	150	2	010640023

1065F

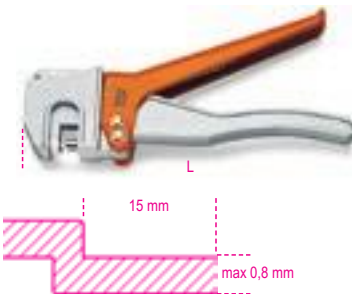
hand punch steel punch and matrix



∅	L		
mm	mm		
5	228	1	010650010
6	228	1	010650015

1065P

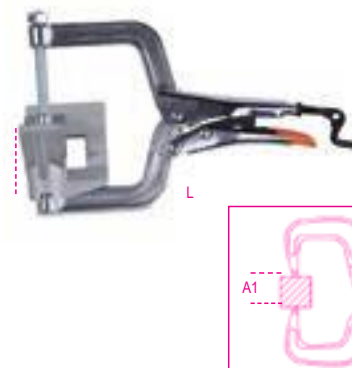
hand crimper steel matrix



L			
mm			
228	1	010650020	

1066

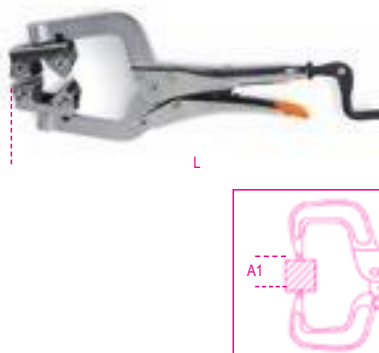
adjustable self-locking pliers, 90° locking angle



L	A1 max	g		
mm	mm			
210	55	500	1	010660021

1067

adjustable self-locking pliers for pipes, articulated pipe clamping jaws



L	A1 max		
mm	mm		
285	76	1	010670285
380	89	1	010670380

1077

straight wide blade tinsmith's pliers, PVC-coated handles



L	A	L1		
mm	mm	mm		
280	60	53	1	010770026

1078

curved wide blade tinsmith's pliers, 45° PVC-coated handles



L	A	L1		
mm	mm	mm		
280	60	77	1	010780026

1080D

diagonal flush cutting nippers, slip-proof double layer PVC coated handles

For cutting plastic



α	L	L1		
°	mm	mm		
15°	160	22	3	010800015
45°	160	22	3	010800045

1081

semi-flush cutting nippers, slip-proof double layer PVC coated handles

• For micro-mechanics and heavy-duty electronics



L	L1		
mm	mm		
125	16	3	010810130

1082

diagonal cutting nippers, chrome-plated, slip-proof double layer PVC coated handles

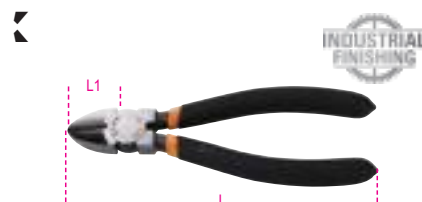


UNI/ISO 5749

L	L1	≠		
mm	mm	mm		
140	20	1,6	5	010820004
160	22	1,6	5	010820006

1082G

diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish



UNI/ISO 5749

L	L1	≠		
mm	mm	mm		
140	20	1,6	5	010820064
160	22	1,6	5	010820066

1082BM

diagonal cutting nippers, bi-material handles



UNI/ISO 5749

L	L1	≠		
mm	mm	mm		
140	20	1,6	3	010820034
160	22	1,6	3	010820036

1082GBM

diagonal cutting nippers,
bi-material handles,
industrial finish



UNI/ISO 5749

L mm	L1 mm	≠ mm		
140	20	1,6	3	010820264
160	22	1,6	3	010820266

1084

heavy duty diagonal cutting nippers,
chrome-plated,
slip-proof double layer PVC coated handles



UNI/ISO 5749

L mm	L1 mm	≠ mm		
160	22	1,6	5	010840006
200	28	2,0	3	010840010

1084G

heavy duty diagonal cutting nippers,
slip-proof double layer PVC coated handles,
industrial finish



UNI/ISO 5749

L mm	L1 mm	≠ mm		
160	22	1,6	5	010840066
200	28	2,0	3	010840070

1084BM

heavy duty diagonal cutting nippers,
chrome-plated,
bi-material handles



UNI/ISO 5749

L mm	L1 mm	≠ mm		
160	22	1,6	3	010840036
200	28	2,0	3	010840040

1084GBM

heavy duty diagonal cutting nippers,
bi-material handles,
industrial finish



UNI/ISO 5749

L mm	L1 mm	≠ mm		
160	22	1,6	3	010840266
200	28	2,0	3	010840270

1088

heavy duty end cutting nippers,
slip-proof double layer PVC coated handles



UNI/ISO 5748

L mm	L1 mm	≠ mm		
160	9	1,6	2	010880006
200	11	2,0	2	010880010

1088BM

heavy duty end cutting nippers,
bi-material handles

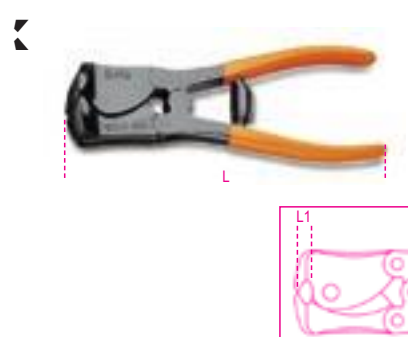


UNI/ISO 5748

L mm	L1 mm	≠ mm		
160	9	1,6	2	010880036
200	11	2,0	2	010880040

1092V

toggle lever assisted end cutting nippers



UNI/ISO 5748

L mm	L1 mm	≠ mm		
180	8	2,0	2	010920280
200	9	2,5	2	010920310

1094V

toggle lever assisted
diagonal cutting nippers



UNI/ISO 5749

L mm	L1 mm	≠ mm		
200	23	2,5	2	010940200

1095N

toggle lever assisted
diagonal cutting nippers



L mm	L1 mm	≠ mm		
195	26	1,6	2	010950010

1096

carpenter's pincers



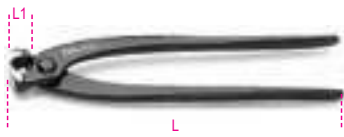
ISO 9243

L mm	L1 mm			
160	21		5	010960016
200	23		5	010960020
250	30		5	010960025



1098

construction worker's pincers



ISO 9242 DIN 5242

L	L1		
mm	mm		
190	12	5	010980190
220	13	5	010980220
250	15	5	010980250
280	18	5	010980280

1098PL

construction worker's pincers,
PVC coated handles



ISO 9242 DIN 5242

L	L1		
mm	mm		
220	13	5	010980320
250	15	5	010980350
280	18	5	010980380

1101

bolt cutter phosphatized blades
and rubber grip handles



L	L		
mm	mm		
300	12	2	011010030
350	14	2	011010035
450	18	1	011010045
600	24	1	011010060
750	30	1	011010075
900	36	1	011010090

L	R = 80	R = 140	g	
mm	Kgf/mm ²	Kgf/mm ²		
	Ø mm	Ø mm		
300	5	4	745	
350	6	5	1043	
450	7	6	1537	
600	9	7	2540	
750	11	8	3870	
900	12	9	6170	



1101R

spare blades for item 1101



mm	1101		
300	300	1	011010130
350	350	1	011010135
450	450	1	011010145
600	600	1	011010160
750	750	1	011010175
900	900	1	011010190

1102

bolt cutters, small series

Cutting capacity
R = 80 Kg/mm²



L	mm		
230	4	3	011020020

1103

flat hat bolt cutter
for rod irons, bolts and electrowelded mesh for
concrete reinforcement
max. Ø = 12 mm
max. Ø (HRC 48) = 6 mm



L			
mm			
950		1	011030090

1103R

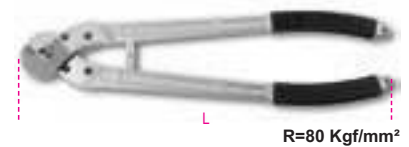
spare head for item 1103



1103R 950	1	011030190
-----------	---	-----------

1104

heavy-duty cutters for flexible steel cables,
handles with thermoplastic grips



L	mm	mm		
420	12		1	011040004
600	16		1	011040006

1104R

spare blades for item 1104



420	1	011040014
600	1	011040016

1105

punches made from burnished steel



D	L		
mm	mm		
2	27	1	011050002
3	27	1	011050003
4	27	1	011050004
5	27	1	011050005
6	27	1	011050006
7	27	1	011050007
8	27	1	011050008
9	27	1	011050009
10	27	1	011050010
12	27	1	011050012
14	27	1	011050014
16	27	1	011050016
18	27	1	011050018
20	27	1	011050020
22	32	1	011050022
24	32	1	011050024
26	32	1	011050026
28	32	1	011050028
30	32	1	011050030
32	37	1	011050032
34	37	1	011050034
36	37	1	011050036
38	37	1	011050038
40	37	1	011050040
42	42	1	011050042
44	42	1	011050044
46	42	1	011050046
48	42	1	011050048
50	42	1	011050050

1105T20

shank for punches 1105,
2 to 20 mm



L
mm
110

1 011050200

1105T30

shank for punches 1105,
3 to 30 mm



L
mm
175

1 011050205

1105T50

shank for punches 1105
2 to 50 mm



L
mm
175

1 011050207

1105AD-50

shank adaptor for item 1105T50



∅
mm
57

1 011050210

1105/C10T

assortment of 10 punches,
3 to 20 mm, and 1 accessory



1105/C10T

1 011050250

1105 3 - 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 mm

1105T20

135x92x32 mm

1105/C16T

assortment of 15 punches,
3 to 30 mm, and 1 accessory



1105/C16T

1 011050255

1105 3 - 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30 mm

1105T30

240x210x60 mm

1105/C32T

assortment of 29 punches,
2 to 50 mm, and 3 accessories



1105/C32T

1 011050257

1105 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30 - 32 - 34 - 36 - 38 - 40 - 42 - 44 - 46 - 48 - 50 mm

1105T50

1105AD-50

455x380x115 mm

1112

tin snips straight wide blades

Cutting capacity
R = 60 Kg/mm²

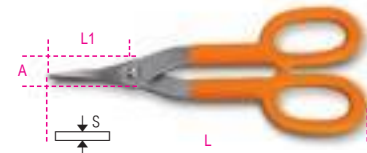


L	L1	S	A
mm	mm	mm	mm
200	50	0,5	26
250	62	0,8	33
300	76	1,0	37
375	76	1,2	44

1114

tin snips straight narrow blades

R = 60 Kg/mm²



L	L1	S	A
mm	mm	mm	mm
250	58	0,5	15
350	76	1	22

1118

safety strap cutting shears

Fe = normal steel
Inox = stainless steel



L	L1	Fe	Inox
mm	mm	S mm	S mm
310	42	1	0,8

1120A

hand nibbler

Fe = normal steel



L	Fe
mm	S mm
280	1,2

1120ARL - ARG

spare parts for item 1120A



1120ARL	1 011200110
1120ARG	1 011200120

1122

compound leverage shears,
straight blades

Inox = stainless steel



L	L1	Inox	A
mm	mm	S mm	mm
250	40	1	24

1123

right cut compound leverage shears,
curved blades

Inox = stainless steel



L	L1	Inox	A		
mm	mm	S mm	mm		
250	40	1	24	2	011230020

1124

left cut compound leverage shears,
curved blades

Inox = stainless steel



L	L1	Inox	A		
mm	mm	S mm	mm		
250	40	1	24	2	011240020

1125

compound leverage shears
for straight and right cuts

Inox = stainless steel

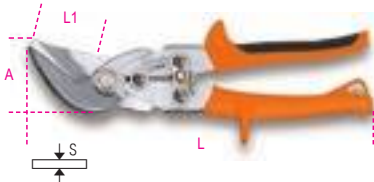


L	L1	Inox	A		
mm	mm	S mm	mm		
250	35	1	46	2	011250020

1126

compound leverage shears
for straight and left cuts

Inox = stainless steel



L	L1	Inox	A		
mm	mm	S mm	mm		
250	35	1	46	2	011260020

1122 - 1125MOL



1122 MOL	1122 - 1124	1	011220010
1123 MOL	1123	1	011230010
1125 MOL	1125 - 1126	1	011250040

1127

telephone engineer's scissors,
straight blades



L	L1		
mm	mm		
150	35	5	011270001

1128BAX

Double-acting electricians' scissors,
with milling profiles in DLC-coated stainless steel

Double-acting cutting: a special cam on the fulcrum allows the blades to run lengthwise, which results in increased cutting power while closing the blades.

Profile and mill: designed to enlarge holes on plastic, from 13 mm to 25 mm.

DLC coating: DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness (resistance to abrasion and wear)
- Low coefficient of friction (smoothness and anti-adherence)
- Anti-loose eccentric pin
- Large handles with pipe throttling grooves
- With articulated plastic case



L	L1	∅		
mm	mm	mm ²		
150	50	50	5	011280088

1128BMX

electrician's scissors,
straight stainless steel blades,
with microteeth



L	L1		
mm	mm		
147	58,2	5	011280051

1128BMX/F

articulated plastic case
for item 1128BMX



1128BMX/F		1	011280059
-----------	--	---	-----------



1128FXS ELECTRICIAN'S SCISSORS WITH GRADUATED MILLING PROFILES

To redesign our electrician's scissors, we observed users' daily work. We have made it into a universal tool, incorporating the 4 main features into one object.

CUTTING Quick and sharp, for cables up to 50 mm², with a cable cutting groove and a microtoothed blade, for improved hold.

STRIPPING The sensitive anti-loosening pin allows even the thinnest cables to be accurately stripped.

CRIMPING Safe and durable, for tube terminals.

COUNTERSINKING The milling profile allows the holes in pull boxes to be countersunk accurately and neatly.



1128BAX DOUBLE-ACTING ELECTRICIANS' SCISSORS WITH MILLING PROFILES IN DLC-COATED STAINLESS STEEL

Scissors 1128BAX stand out for their DLC-finished blades. DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness - resistance to abrasion and wear
- Low coefficient of friction - smoothness and anti-adherence

Milling profile: designed to enlarge holes on plastic, from 13 mm to 25 mm.



+HARDNESS
-COEFFICIENT OF FRICTION



1128BSX

electrician's scissors with graduated milling profiles with case



L	L1	
mm	mm	
148	58,2	5 011280061

1128FX

electrician's scissors, straight stainless steel blades, with microteeth, cable cutting groove and crimping pliers for tube terminals

- Articulated belt hook case
- Bimaterial handles
- Anti-loose pin



L	L1	≠
mm	mm	mm ²
145	52	50

5 011280090

1128FXS

electrician's scissors with graduated milling profiles, straight stainless steel blades, with microteeth, cable cutting groove and crimping pliers for tube terminals

- Articulated belt hook case
- Bimaterial handles
- Anti-loose pin

- Profile and mill: designed to enlarge holes on plastic, from 13 to 21 mm.



L	L1	≠
mm	mm	mm ²
145	52	50

5 011280095

1128BM

electrician's scissors, straight blades



L	L1
mm	mm
145	50

5 011280000

1129BM

electrician's scissors, curved blades



L	L1	
mm	mm	
145	44	5 011290000

1130BMX

Multituse scissors, straight stainless steel blades, with microteeth



L	L1
mm	mm
185	60

1 011300002

1131CK

Kevlar® and fibre optics scissors



L	L1
mm	mm
203	75

1 011310001

1132

cable cutters for insulated copper and aluminium cables, slip-proof double layer PVC coated handles



UNI 8791

L	mm	mm ²		
170	14	50	2	011320107
230	18	95	2	011320113

1132BM

cable cutters for insulated copper and aluminium cables, bi-material handles



UNI 8791

L	mm	mm ²		
170	14	50	2	011320137
230	18	95	2	011320143

1133

cable cutter for copper cables, flexible

up to 325 mm²



L	mm	mm ²		
600	32	300	1	011330001

1133RL

spare blades for item 1133



1133RL	1	011330011
--------	---	-----------

1134

ratchet cable cutters burnished finish, plastic handles



L	mm	mm ²		
260	35	400	1	011340032

1134RL

spare blade for item 1134



1134RL	1	011340132
--------	---	-----------

1134A

ratchet cable cutters burnished finish, plastic handles



L	mm	mm ²		
240	45	500	1	011340045

1134A/RL

spare blade for item 1134A



1134A/RL	1	011340145
----------	---	-----------



1142BM

wire stripping pliers, bi-material handles



UNI 7923

L	mm	mm ²	mm		
160	0,5÷6	0-2,8	3	011420036	

1143

wire stripping pliers



L	mm	mm ²	mm		
165	0,5÷6	1-3,2	1	011430001	

1143R

spare blades for item 1143

1143R	1	011430011
-------	---	-----------

1144D

cable stripping tool



L	mm	mm ²	mm		
170	4,5÷240	2,5-18	1	011440010	

1144D/RG

spare hook for item 1144D



1144D/RG	1	011440012
----------	---	-----------

1144D/RL

spare blades for item 1144D

1144D/RL	1	011440011
----------	---	-----------

1144G

cable stripping tool

with adjustable blade for transverse and longitudinal cuts



L	mm	mm ²	mm		
140	6÷75	2.8-12	1	011440004	

1144G/RL

spare blade for item 1144G



1144G/RL 1 011440005

1144L

cable stripping tool with adjustable blade depth, for transverse and longitudinal stripping

with smooth and hook-shaped retractable blade



L	mm	mm ²	mm
145	6-150	4-28	1 011440050

1144T

cable stripping tool, pocket size, with cutting device



L	mm	mm	g
112	3,5 ÷ 9	40	1 011440060

1148A

wire stripping pliers, self-adjusting, with cutting device

cutting capacity
≠ 10 mm² (8 AWG) flexible wires
≠ 1,5 mm² (16 AWG) sturdy wires



L	mm	mm ²	mm
190	0,02÷10	0-4	1 011480100

1148A/R

spare blades for item 1148A



1148A/R 1 011480102

Beta

1148B

wire stripping pliers, self-adjusting, with cutting device



L	mm	mm ²	mm
190	4÷16	2-5	1 011480200

1148B/R

spare blades for item 1148B



1148B/R 1 011480202

1148P

wire stripping pliers, self-adjusting, with cutting device



L	mm	mm ²	mm
165	0.2-6	0-3.5	1 011480300

1149F

front wire stripping pliers with cutting blade, self-adjusting



L	mm	mm ²
175	0,2 ÷ 6	1 011490010

1150

combination pliers bright chrome-plated, slip-proof double layer PVC coated handles

• The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L	mm	L1	mm	mm
160	42	1,6	5	011500046
180	46	1,8	5	011500048
200	50	2,0	5	011500050
220	50	2,0	2	011500052

1150G

heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish

• The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L	mm	L1	mm	mm
160	42	1,6	5	011500066
180	46	1,8	5	011500068
200	50	2,0	5	011500070
220	50	2,0	2	011500072

Beta

1150HPC HEAVY DUTY UNIVERSAL PLIERS WITH CUTTING EDGES MADE OF M2 SINTERED STEEL

- The decentralized pin allows the fulcrum to be closer to the cutting point, thereby resulting in an improved lever effect.
- Perfect alignment of the nose and the thin profile allow the pliers to be used in very small areas.
- The body of the pliers is made of a reliable molybdenum steel which has been heat treated in order to be flexible and resistant so as to guarantee a safe grip in any moment.

Shearing stress - static test =	-73%
Average life of cutting edges = (test ISO 5744)	+127%
Hardness of M2 steel cutting edges =	65HRC

**ABSOLUTELY
GROUNDBREAKING**

**PEARL CHROME-PLATED
FINISH**

**REMARKABLE CUTTING
CAPACITY**



1150HPC

heavy duty combination pliers with integrated cutting edges and decentralized pin
matt chrome plated finish
bi-material handles
open joint
integrated cutting edge
steel: M2
thickness: 0.20 mm
angle: 62°
hardness: 63+65 HRC



ISO 5746

L mm	L1 mm	mm		
180	42	1,8	2	011500618

1150BM

combination pliers bright chrome-plated, bi-material handles

- The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L mm	L1 mm	mm		
160	42	1,6	3	011500146
180	46	1,8	3	011500148
200	50	2,0	3	011500150
220	50	2,0	2	011500152

1150GBM

heavy duty combination pliers, bi-material handles, industrial finish

- The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L mm	L1 mm	mm		
160	42	1,6	3	011500266
180	39	1,8	3	011500268
200	50	2,0	3	011500270
220	50	2,0	2	011500272

1153

adjustable pliers, two positions, PVC-coated handles



UNI ISO 9343

L mm	L1 mm			
200	34		2	011530120

1162

extra-long flat knurled nose pliers, chrome-plated, slip-proof double layer PVC coated handles



ISO 5745

L mm	L1 mm	mm		
160	58	1,6	5	011620006
200	86	1,6	5	011620010



1162G

extra-long flat knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish



ISO 5745

L mm	L1 mm	mm	
160	58	1,6	5 011620066
200	86	1,6	5 011620070

1162BM

extra-long flat knurled nose pliers, chrome-plated, bi-material handles



ISO 5745

L mm	L1 mm	mm	
160	58	1,6	3 011620036
200	86	1,6	3 011620040

1162GBM

extra-long flat knurled nose pliers, bi-material handles, industrial finish



ISO 5745

L mm	L1 mm	mm	
160	58	1,6	3 011620266
200	86	1,6	3 011620270

1164

extra long bent flat knurled nose pliers, slip-proof double layer PVC coated handles



ISO 5745

L mm	L1 mm	mm	
160	54	1,6	5 011640006
200	76	1,6	5 011640010

1164BM

extra long bent flat knurled nose pliers, bi-material handles



ISO 5745

L mm	L1 mm	mm	
160	54	1,6	3 011640036
200	76	1,6	3 011640040

1166

extra-long needle knurled nose pliers, chrome-plated, slip-proof double layer PVC coated handles

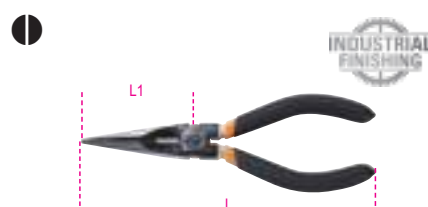


ISO 5745

L mm	L1 mm	mm	
160	56	1,6	5 011660006
200	76	1,6	5 011660010

1166G

extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish



ISO 5745

L mm	L1 mm	mm	
160	56	1,6	5 011660066
200	76	1,6	5 011660070

1166BM

extra-long needle knurled nose pliers, chrome-plated, bi-material handles

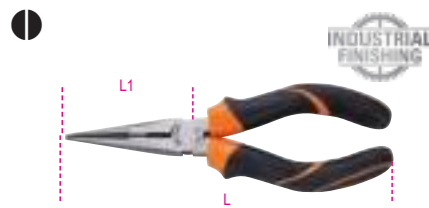


ISO 5745

L mm	L1 mm	mm	
160	56	1,6	3 011660036
200	76	1,6	3 011660040

1166GBM

extra-long needle knurled nose pliers, bi-material handles, industrial finish



ISO 5745

L mm	L1 mm	mm	
160	56	1,6	3 011660266
200	76	1,6	3 011660270

1168

extra-long bent needle knurled nose pliers, chrome-plated, slip-proof double layer PVC coated handles



ISO 5745

L mm	L1 mm	mm	
160	54	1,6	5 011680006
200	76	1,6	5 011680010

1168G

extra-long bent needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish



ISO 5745

L mm	L1 mm	mm	
160	54	1,6	5 011680066
200	76	1,6	5 011680070

1168BM

extra-long bent needle knurled nose pliers, chrome-plated, bi-material handles



ISO 5745

L	L1	mm		
mm	mm	mm		
160	54	1,6	3	011680036
200	70	1,6	3	011680040

1168GBM

extra-long bent needle knurled nose pliers, bi-material handles, industrial finish



ISO 5745

L	L1	mm		
mm	mm	mm		
160	54	1,6	3	011680266
200	70	1,6	3	011680270

1169/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers



1169/D3		
1082 160mm	1	011690053
1150 180mm		
1166 160mm		

1169G/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers, slip-proof double layer PVC, industrial finish



1169G/D3		
1082G 160mm	1	011690073
1150G 180mm		
1166G 160mm		

1169BM/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers



1169BM/D3		
1082BM 160mm	1	011690133
1150BM 180mm		
1166BM 160mm		

1169GBM/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers, bi-material handles, industrial finish



1169GBM/D3		
1082GBM 160mm	1	011690273
1150GBM 180mm		
1166GBM 160mm		

1171BM

smooth, flat short nose pliers bi-material handles

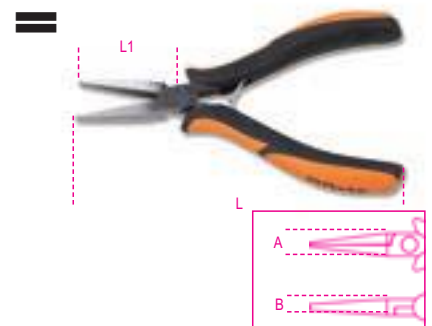


ISO 9655

L	L1	A	B		
mm	mm	mm	mm		
130	18	12	8	2	011710101

1172BM

smooth, flat long nose pliers bi-material handles

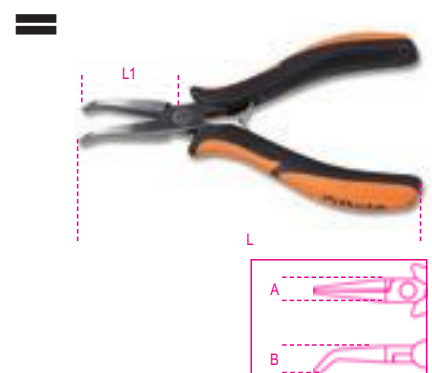


ISO 9655

L	L1	A	B		
mm	mm	mm	mm		
140	40	12	8	2	011720101

1172BM/P

smooth, flat bent long nose pliers bi-material handles

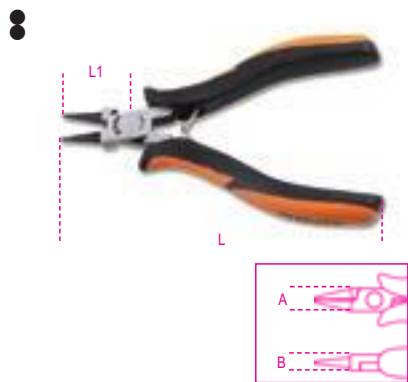


L	L1	A	B		
mm	mm	mm	mm		
140	38	12	13	2	011720102



1173BM

round short nose pliers
bi-material handles

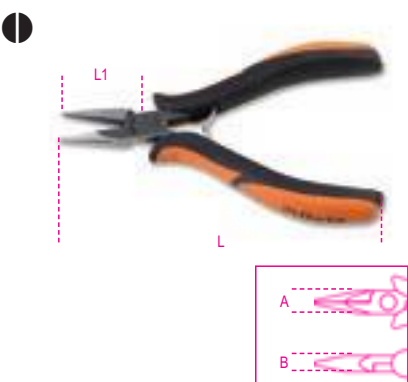


ISO 9655

L	L1	A	B		
mm	mm	mm	mm		
125	22	12	8	2	011730101

1175BM

smooth half-round short nose pliers
bi-material handles

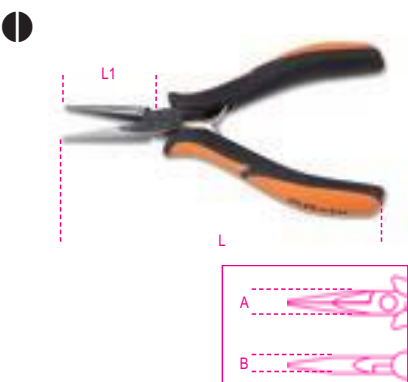


ISO 9655

L	L1	A	B		
mm	mm	mm	mm		
140	29	12	8	2	011750101

1177BM

smooth half-round long nose pliers
bi-material handles

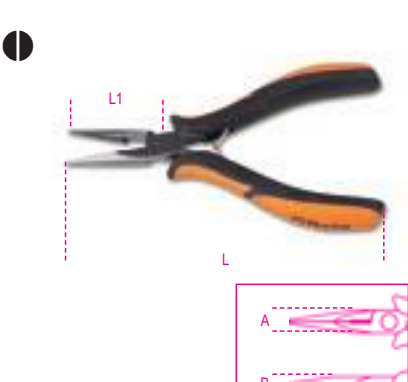


ISO 9655

L	L1	A	B		
mm	mm	mm	mm		
140	38	12	8	2	011770101

1177BM/Z

half-round long knurled nose pliers
bi-material handles

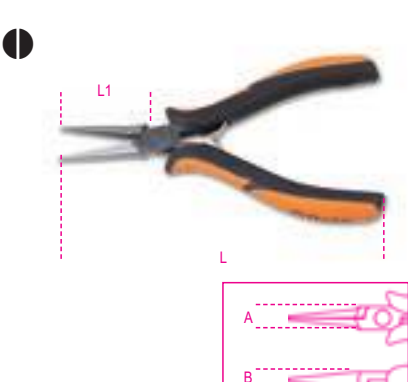


ISO 9655

L	L1	A	B		
mm	mm	mm	mm		
140	39	12	8	2	011770113

1178BM

smooth half-round long needle nose pliers
bi-material handles



ISO 9655

L	L1	A	B		
mm	mm	mm	mm		
140	37	12	8	2	011780101

1178BM/P

smooth half-round long bent
needle nose pliers
bi-material handles



L	L1	A	B		
mm	mm	mm	mm		
140	36,5	12	12	2	011780102

Copper cutting nippers.
For heavier duty jobs see item 1081

1182BM

diagonal semi-flush cutting nippers,
slim tips
bi-material handles



ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
120	11	10	1	2	011820101

1183BM

diagonal semi-flush cutting nippers,
rounded tips
bi-material handles



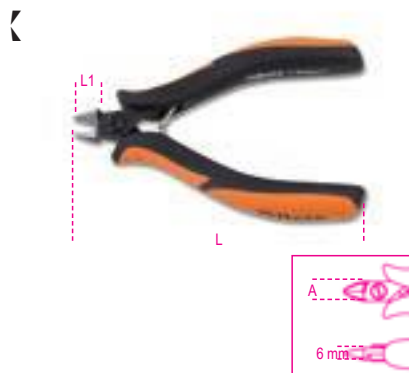
ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
120	11	10	1	2	011830101



1184BM

diagonal flush cutting nippers,
rounded tips
bi-material handles



ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
120	11	10	1	2	011840101
130	13	12,5	1,25	2	011840102

1185BM

diagonal flush cutting nippers,
slim tips
bi-material handles



ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
120	11	10	1	2	011850101
130	13	12,5	1,25	2	011850102

1186BM

diagonal flush cutting nippers,
slim tapering tips
bi-material handles



ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
120	11	10	1	2	011860101
130	13	12,5	1,25	2	011860102

1188BM

diagonal axial cutting nippers
bi-material handles



ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
125	12	12	1,25	2	011880101
130	17	15	2	2	011880102

1190BM

end semi-flush cutting nippers
bi-material handles



ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
120	12	12	1,25	2	011900113

1191BM

end flush oblique cutting nippers
bi-material handles



ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
130	8	12	0,8	2	011910101

1191BM/L

end flush long oblique cutting nippers
bi-material handles



ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
130	18	12	1	2	011910110

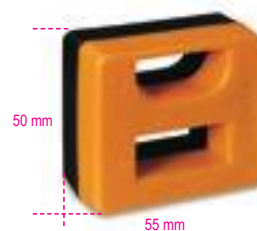
1191R/5-M

spare spring kit for pliers and nippers for
electronics, 5 pairs (items: 1171...1191)

1191R/5-M	1	011910995
-----------	---	-----------

1200MS

magnetizer/demagnetizer



1200MS	5	012000000
--------	---	-----------



Beta **EVOLX**

THE EVOLUTION OF THE SCREWDRIVER!

The ergonomic design fits the palm of the hand perfectly. The large contact surface makes it possible to transmit maximum force with minimum effort.

Beta's tried-and-tested blades ensure unique elasticity, hardness and wear resistance, for top-end professional tools.

The octagonal section prevents any bothersome rolling on the worktop.

The precision area allows the screwdriver to be quickly rotated between the fingers.

The hole on the handle allows the screwdriver to hang for easy storage.

New thermoplastic rubber makes each use including heavy-duty ones even more comfortable.

The style and size of the tip is printed on the round cap for quick identification.

● Beta's tried-and-tested blades ensure unique elasticity, hardness and wear resistance, for top end professional tools.

● The ergonomic design fits the palm of the hand perfectly. The large contact surface makes it possible to transmit maximum force with minimum effort.

● The octagonal section prevents any bothersome rolling on the worktop.

● New thermoplastic rubber makes each use including heavy-duty ones even more comfortable.

● The brand-new hole on the handle allows the screwdriver to hang for easy storage.



● The style and size of the tip is printed on the round cap for quick identification.

● The precision area allows the screwdriver to be quickly rotated between the fingers.



1201E

screwdriver for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	146	2,5	5	012011003
0,4x2,5x75	166	2,5	5	012011006
0,5x3x75	171	3,0	5	012011009
0,5x3x100	196	3,0	5	012011012
0,6x3,5x75	171	3,5	5	012011018
0,6x3,5x100	196	3,5	5	012011021
0,8x4x100	196	4,0	5	012011030
0,8x4x125	221	4,0	5	012011033
0,8x4x150	246	4,0	5	012011036
1,0x5,5x100	209	5,0	5	012011039
1,0x5,5x125	234	5,0	5	012011040
1,0x5,5x150	259	5,0	5	012011042
1,2x6,5x100	220	6,0	5	012011048
1,2x6,5x125	234	6,0	5	012011050
1,2x6,5x150	270	6,0	5	012011051
1,2x8x150	282	8,0	3	012011057
1,2x8x200	332	8,0	3	012011060
1,6x10x200	332	9,5	3	012011066



1201E/S6

0,5x3x75-0,6x3,5x100
0,8x4x100-1,0x5,5x100
1,2x8x150-1,6x10x200 mm

1 012011206

1201EN

screwdriver for slotted head screws, extra-short series



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	86,5	4	3	012011103
1,2x6,5x30	86,5	6	3	012011106

1201E/DZ

screwdriver for Dzus® head screws



L
mm 53

L1
mm 173

2 012011501

1202E

screwdriver for cross head Phillips® screws



UNI-ISO 8764

PHxDxL mm	L1 mm		
0x3x60	156	5	012021003
0x3x100	200	5	012021006
1x4,5x80	189	5	012021009
1x4,5x120	229	5	012021012
2x6x100	220	5	012021018
2x6x150	270	5	012021021
3x8x150	282	3	012021024
4x9,5x200	332	3	012021027



1202E/S4	1	012021204
PH0x3x60-PH1x4,5x120		
PH2x6x150-PH3x8x150 mm		

1202EN

screwdriver for cross head Phillips® screws, extra-short series



UNI-ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	86,5	3	012021103
2x6x30	86,5	3	012021106

1202EL

screwdriver for cross head Phillips® screws, long series



UNI-ISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	400	3	012021303
1x4,5x300	400	3	012021305
1x4,5x400	508	3	012021306
2x6x400	519	3	012021309

1203E/D

set of screwdrivers



1203E/D5	1	012031001
1201E	0,6x3,5x100-1,0x5,5x150	
	1,2x6,5x150 mm	
1202E	PH1x4,5x80-PH2x6x100 mm	

1203E/D5PZ	1	012031003
1201E	0,5x3x75-0,8x4x125	
	1,0x5,5x150 mm	
1209E/PZ	PZ1x4,5x80-PZ2x6x100 mm	

1203E/D6	1	012031006
1202E	PH1x4,5x80-PH2x6x100 mm	
1204E	0,4x2,5x60-0,5x3x100	
	0,8x4x100-1,0x5x125 mm	

1203E/D7	1	012031007
1201E	0,5x3x75-0,8x4x100	
	1,0x5,5x100-1,2x6,5x150 mm	
1202E	PH0x3x60-PH1x4,5x80	
	PH2x6x100 mm	

1203E/D8	1	012031008
1201E	0,5x3x75-0,8x4x125	
	1,0x5,5x150-1,2x6,5x150 mm	
1202E	PH0x3x60-PH1x4,5x80	
	PH2x6x100-PH3x8x150 mm	

1203E/D8P	1	012031018
1201E	2,5x50-3x75-4x100-5,5x100-	
	6,5x150 mm	
1202E	PH0x60-PH1x80-PH2x100 mm	

1203E/D10	1	012031010
1201E	0,4x2,5x50-0,5x3x75	
	0,8x4x100-1,0x5,5x100	
	1,2x6,5x150-1,2x8x150 mm	
1202E	PH0x3x60-PH1x4,5x80	
	PH2x6x100-PH3x8x150 mm	

1203E/D10N	1	012031019
1201E	0,4x2,5x50-0,5x3x75-0,8x4x100-	
	1,0x5,5x150-1,2x6,5x150 mm	
1201EN	0,8x4x30 mm	
1202E	PH0x3x60-PH1x4,5x80-	
	PH2x6x100 mm	
1202EN	PH1x4,5x30 mm	

Beta
Quality Tools



1203E/S

Beta evorx



1203E/S8	1	012031009
-----------------	---	-----------

1201E	2,5x50-3x75-4x100-5,5x125-	
	6,5x150 mm	
1202E	PH0x3x60-PH1x4,5x80-	
	PH2x6x100 mm	

1203E/S10	1	012031021
------------------	---	-----------

1201E	0,4x2,5x50-0,5x3x75	
	0,8x4x125-1,0x5,5x150	
	1,2x6,5x150-1,2x8x150 mm	
1202E	PH0x3x60-PH1x4,5x80	
	PH2x6x100-PH3x8x150 mm	

1204E

screwdriver for headless slotted screws



ISO 2380

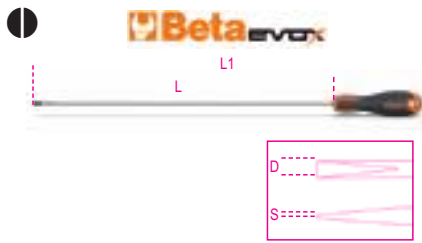
SxDxL mm	L1 mm		
0,4x2,5x60	156	5	012041003
0,6x3x75	175	5	012041006
0,5x3x100	196	5	012041009
0,8x4x100	196	5	012041012
0,8x4x125	233	5	012041015
1x5x125	234	5	012041018
1x5x150	258	5	012041021
1,2x6,5x150	270	5	012041024



1204E/S5	1	012041205
0,4x2,5x60-0,5x3x100		
0,8x4x100-1x5x125		
1,2x6,5x150 mm		

1204EL

screwdriver for headless slotted screws, long series



ISO 2380

SxDxL mm	L1 mm		
0,5x2,5x200	300	3	012041303
0,5x3x300	400	3	012041306
0,8x4x400	508	3	012041309
1x5x400	508	3	012041315
1,2x6,5x400	519	3	012041318

1205E/ES

hexagon drivers with handles



mm	L mm	L1 mm		
1,5	100	200	3	012051315
2	100	200	3	012051320
2,5	100	200	3	012051325
3	100	200	3	012051330
4	100	208	3	012051340
5	100	219	3	012051350
6	125	244	3	012051360
8	150	277	2	012051380



1205E/ES-S8	
1,5-2-2,5-3-4-5-6-8 mm	1 012051408

1206E/BP

ball head hexagon drivers with handles



mm	L mm	L1 mm	Ø mm		
2	100	198	2,5	3	012061320
2,5	100	198	3,0	3	012061325
3	100	198	3,5	3	012061330
4	100	209	5,0	3	012061340
5	100	220	6,0	3	012061350
6	125	245	7,0	3	012061360
8	150	287	9,5	2	012061380



1206E/BP-S7	
2-2,5-3-4-5-6-8 mm	1 012061407

1207E/TX

screwdrivers for Torx® head screws, with handles



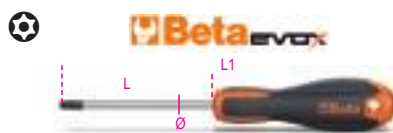
	L mm	L1 mm	Ø mm		
T5	50	150	3	5	012071005
T6	60	156	4	5	012071006
T7	60	156	4	5	012071007
T8	60	156	4	5	012071008
T9	60	156	4	5	012071009
T10	80	189	5	5	012071010
T15	80	189	5	5	012071015
T20	100	209	5	5	012071020
T25	100	209	5	5	012071025
T27	100	220	6	5	012071027
T30	100	220	6	5	012071030
T40	130	262	7	2	012071040
T45	130	262	8	2	012071045



1207E/TX-D7	
T6-T8-T10-T15	1 012071207
T20-T25-T30	
1207E/TX-D13	
T5-T6-T7-T8-T9-T10-T15	1 012071213
T20-T25-T27-T30-T40-T45	

1208E/RTX

screwdrivers for Tamper Resistant Torx® head screws, with handles



	L mm	L1 mm	Ø mm		
T9	60	156	4	5	012081009
T10	80	189	5	5	012081010
T15	80	189	5	5	012081015
T20	100	209	5	5	012081020
T25	100	209	5	5	012081025
T27	100	220	6	5	012081027
T30	100	220	6	5	012081030
T40	130	262	7	2	012081040



1208E/RTX-D7	
T9-T10-T15-T20	1 012081207
T25-T27-T30	

1209E/PZ

screwdriver for cross head Pozidriv®-Supadriv® screws



UNI-ISO 8764

PZ	L mm	L1 mm		
0	60	156	5	012091000
1	80	189	5	012091003
2	100	220	5	012091006
3	150	282	3	012091009
4	200	327	3	012091012



1209E/PZ-S4	
PZ0-PZ1-PZ2-PZ3	1 012091204

1209EN/PZ

screwdriver for cross head Pozidriv®-Supadriv® screws, extra-short series



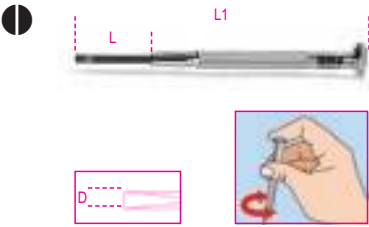
ISO 8764

PZ	L mm	L1 mm		
1	30	87	3	012091103
2	30	87	3	012091106



1229LP

micro-screwdrivers
for headless slotted screws



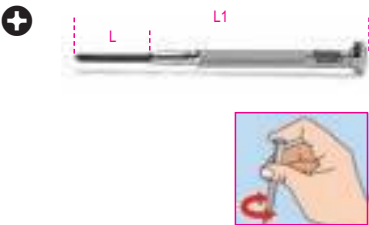
D mm	L mm	L1 mm		
1,0	17	75	5	012290210
1,2	21	85	5	012290212
1,4	21	89	5	012290214
1,8	23	94	5	012290218
2,0	23	98	5	012290220
2,4	26	103	5	012290224
3,0	28	108	5	012290230



1229LP/A6	1	012290300
1,2-1,4-1,8-2,2,4-3 mm		

1229PH

micro-screwdrivers for cross head
Phillips® screws



PH	L mm	L1 mm		
0	26	102	5	012290250
1	29	107	5	012290251

1229LPH/A6

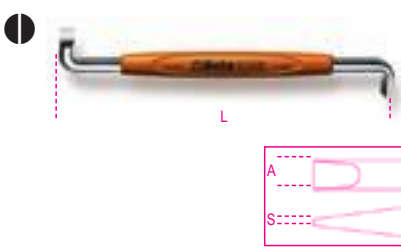
set of 6 micro-screwdrivers
items 1229LP-1229PH



1229LPH/A6	1	012290310
1229LP	1,4-2,0-2,4-3 mm	
1229PH	PH0-PH1	

1236B

offset screwdrivers
for slotted head screws



UNI 7079 DIN 5200

SxA	L		
mm	mm		
0,8x4	100	5	012360201
1x5,5	125	5	012360202
1,2x8	150	5	012360204

1238B

offset screwdrivers
for cross head Phillips® screws

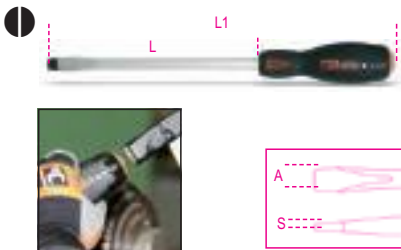


UNI 7083 DIN 5208

PH	L		
	mm		
1-2	125	5	012380201
3-4	200	5	012380203

1241

screwdrivers with steel head for slotted head
screws



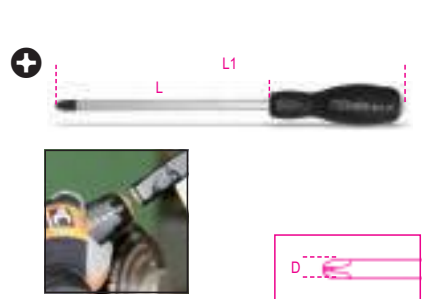
ISO 2380

SxAxL	L1		
mm	mm		
1x5,5x100	202	5	012410039
1,2x6,5x125	240	5	012410050
1,2x8x150	268	3	012410057
1,6X10x175	300	2	012410065
1,6x10x200	325	2	012410066
2,0X12x200	325	2	012410067
2,5X14X250	375	2	012410076



1242

screwdrivers with steel head for cross head
Phillips® screws



UNI/ISO 8764

PHxDxL	L1		
mm	mm		
1x4,5x100	202	5	012420209
2x6x100	215	5	012420218
3x8x150	268	3	012420221
4x11x200	325	2	012420224

1243LP/D6

set of 6 screwdrivers with steel heads, for
slotted head screws



1243LP/D6	1	012430016
1241	1x5,5x100-1,2x6,5x125- 3x8x150-1,6x10x175- 2,0x12x200-2,5x14x250 mm	

1243/D7

Set of 7 screwdrivers with steel heads



1243/D7	1	012430017
1241	1x5,5x100-1,2x6,5x125 1,2x8x150-1,6x10x200 mm	
1242	PH1x4,5x100-PH2x6x100 PH3x8x150 mm	

1243/S11

set of 6 screwdrivers with steel heads



1243/S11 1 012430021

1241 1x5,5x100-1,2x6,5x125-3x8x150-1,6x10x175-1,6x10x200-2,0x12x200-2,5x14x250 mm
1242 PH1x4,5x100-PH2x6x100-PH3x8x150-PH4x11x200 mm

1250

screwholding screwdrivers for slotted head screws



SxDxL mm	L1 mm	
0,5x3x125	190	5 012500030
0,6x4x125	225	5 012500040
0,7x5x150	255	5 012500050

1251

screwholding screwdrivers for cross head Phillips® screws



PHxDxL mm	L1 mm	
0x4x125	225	5 012510000
1x5x125	225	5 012510010
2x6x175	280	5 012510020

1252/S5



1252/S5 1 012520001

1250 0,5x3x125-0,6x4x125
0,7x5x150 mm
1251 PH1x5x150-PH2x6x175 mm

1253

mains testing screwdriver 150/250V



SxAxL mm	L1 mm	
0,5x3,5x100	190	5 012530001

1253A

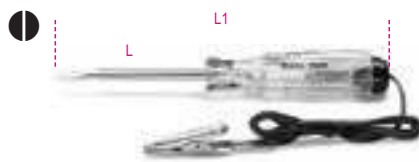
mains testing screwdriver 125/250V, double insulation



SxAxL mm	L1 mm	
0,5x3x15	150	5 012530010

1254

circuit testing screwdriver 6-24V



SxAxL mm	L1 mm	
0,5x3x44	123	5 012540001

1256/C36-2

microscrewdriver with 36 interchangeable 4-mm bits and magnetic extension



1256/C36-2 1 012560100

	1256TX	T3 - T4 - T5 - T6 - T7 T8 - T9 - T10 - T15
	1256RTX	T6 - T7 - T8 - T9 - T10
	1256LP	0,8 - 1,2 - 1,5 - 1,8 - 2 - 2,5 3 - 3,5 - 4 mm
	1256PE	0,7 - 0,9 - 1,3 - 1,5 - 2 mm
	1256PH	PH000 - PH00 - PH0 - PH1
	1256PZ	PZ000 - PZ00 - PZ0 - PZ1
	1256/20	
	1256/30	

130x60x35 mm - 200 g

1256LP

4-mm bits for slotted head screws



SxA mm	L mm	
0.25x0.8	27	5 012560001
0.25x1.2	27	5 012560002
0.3x1.5	27	5 012560003
0.35x1.8	27	5 012560004
0.4x2.0	27	5 012560005
0.4x2.5	27	5 012560006
0.5x3.0	27	5 012560007
0.6x3.5	27	5 012560008
0.8x4.0	27	5 012560009

1256PH

4-mm bits for cross head Phillips® screws



PH	L mm	
000	27	5 012560011
00	27	5 012560012
0	27	5 012560013
1	27	5 012560014

1256PZ

4-mm bits for slotted head Pozidriv® - Supradriv® screws



PZ	L mm	
000	27	5 012560061
00	27	5 012560062
0	27	5 012560063
1	27	5 012560064

1256PE


4-mm bits for hexagon head screws



mm	L mm	
0.7	27	5 012560021
0.9	27	5 012560022
1.3	27	5 012560023
1.5	27	5 012560024
2.0	27	5 012560025

1256TX


4-mm bits
for Torx® head screws



Symbol	L mm	Quantity	Part No.
T3	27	5	012560041
T4	27	5	012560042
T5	27	5	012560043
T6	27	5	012560044
T7	27	5	012560045
T8	27	5	012560046
T9	27	5	012560047
T10	27	5	012560048
T15	27	5	012560049

1256RTX

4-mm bits
for Tamper Resistant Torx® head screws



Symbol	L mm	Quantity	Part No.
T6	27	5	012560051
T7	27	5	012560052
T8	27	5	012560053
T9	27	5	012560054
T10	27	5	012560055

1256/20

hexagon drive extension, 4 mm



Part No.	Quantity	Part No.
1256/20	5	012560092

1256/30




4-mm bit holder with handle



L mm	Quantity	Part No.
110	2	012560097

1257LP

micro-screwdrivers
for slotted head screws



SxD mm	L mm	Quantity	Part No.
0,25x1,2	60	5	012570012
0,23x1,5	60	5	012570015
0,3x1,8	60	5	012570018
0,4x2	60	5	012570020
0,4x2,5	60	5	012570024
0,5x3	60	5	012570030
0,6x3,5	60	5	012570035
0,8x4	60	5	012570040



1257LP/S8	Quantity	Part No.
0,2x1,2-0,25x1,5	1	012570200
0,3x1,8-0,4x2-0,4x2,5		
0,5x3-0,6x3,5-0,8x4 mm		

1257PH

micro-screwdrivers
for cross-head Phillips® screws

PH	L mm	Quantity	Part No.
00	60	5	012570060
0	60	5	012570063
1	60	5	012570066



1257LPH/S8



1257LPH/S8	Quantity	Part No.
1257PH PH00-PH0-PH1	1	012570210
1257LP 0,4x2-0,4x2,5-0,5x3		
0,6x3,5-0,8x4 mm		

1257ES

micro-screwdrivers hexagon male ends

mm	L mm	Quantity	Part No.
0,9	60	5	012570045
1,3	60	5	012570046
1,5	60	5	012570047
2	60	5	012570048
2,5	60	5	012570049
3	60	5	012570050

1257ESB/S8



1257ESB/S8	Quantity	Part No.
1257ES 0,9-1,3-1,5-2-2,5-3 mm	1	012570230
1257BE 4-5 mm		

1257TX

micro-screwdrivers for Torx® head screws




Symbol	L mm	Quantity	Part No.
T5	60	5	012570075
T6	60	5	012570076
T7	60	5	012570077
T8	60	5	012570078
T9	60	5	012570079
T10	60	5	012570080
T15	60	5	012570081
T20	60	5	012570082



1257TX/S8	Quantity	Part No.
T5-T6-T7-T8	1	012570220
T9-T10-T15-T20		

1257BE

micro-screwdrivers hexagon socket wrenches




mm	L mm	Quantity	Part No.
3,2	60	5	012570085
4	60	5	012570086
5	60	5	012570087
5,5	60	5	012570088



The BetaGrip screwdrivers are the fruit of Beta's long expertise in screwdriver design and close cooperation with the mechanics of motor racing teams.

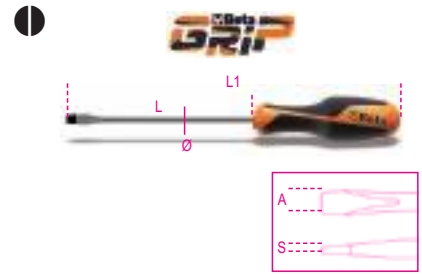
New, one-of-a-kind technical solutions capable of satisfying the most demanding professionals' requirements have been used with a view to achieving the highest standards as regards ergonomics, strength and quality of the materials.

- The **blade** is made from special steel with a high silicon, chromium and vanadium content, to ensure improved performance in terms of torsional and flexural strength. A non-glare, matt chrome-plated finish has been chosen.
- The **geometry of the tip** has been designed to ensure perfect coupling between the blade and the screw head. The phosphate-coated finish prevents the tip from getting oxidized, while maintaining precise profiles.
- The **texture** has been inspired by the treads of Racing tyres, developed to maximize grip on different grounds. Hence it ensures effective screwdriver hold under any working conditions, for enhanced precision and control when fitting the tip onto the screw.



1260

screwdrivers for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm	W	U
0,4x2,5x50	150	2,5	5	012600003
0,4x2,5x75	175	2,5	5	012600006
0,5x3x75	175	3,0	5	012600009
0,5x3x100	200	3,0	5	012600012
0,6x3,5x75	175	3,5	5	012600018
0,6x3,5x100	200	3,5	5	012600021
0,8x4x100	208	4,0	5	012600030
0,8x4x125	233	4,0	5	012600033
0,8x4x150	258	4,0	5	012600036
1x5,5x100	208	5,0	5	012600039
1x5,5x125	233	5,0	5	012600040
1x5,5x150	258	5,0	5	012600042
1,2x6,5x100	219	6,0	5	012600048
1,2x6,5x125	244	6,0	5	012600050
1,2x6,5x150	269	6,0	5	012600051
1,2x8x150	277	8,0	3	012600057
1,2x8x200	327	8,0	3	012600060
1,6x10x200	327	9,5	3	012600066
2x12x250	377	10	3	012600069
2x14x250	377	10	2	012600073



1260/S6

0,4x2,5x75-0,5x3x75-0,8x4x125
1x5,5x150-1,2x6,5x150-1,2x8x200 mm

W U
1 012600306

1260N

screwdrivers for slotted head screws,
extra-short series



ISO 2380

SxAxL mm	L1 mm	Ø mm	W	U
0,8x4x30	87	4	5	012600103
1,2x6,5x30	87	6	5	012600106



1260E

screwdrivers for slotted head screws with hexagon bolsters



ISO 2380

SxAxL mm	L1 mm	Ø mm		
1,2x6,5x150	269	6,0	3	012600156
1,2x8x175	301	8,0	3	012600157
1,6x10x200	327	9,5	2	012600159
2x12x250	377	9,5	2	012600162

1260MC

screwdriver for slotted head screws, coloured



SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	150	2,5	3	012602003
0,6x3,5x75	175	3,5	3	012602018
0,8x4x100	208	4,0	3	012602030
1x5,5x125	233	5,0	5	012602040
1,2x6,5x150	269	6,0	5	012602051

1262

screwdrivers for cross head Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm		
0x3x60	160	5	012620003
0x3x100	200	5	012620006
1x4,5x80	188	5	012620009
1x4,5x120	228	5	012620012
2x6x100	219	5	012620018
2x6x150	269	5	012620021
3x8x150	277	3	012620024
4x10x200	327	3	012620027



1262/S4

PH0x3x60-PH1x4,5x80
PH2x6x100-PH3x8x150 mm

1 012620304

1262N

screwdrivers for cross head Phillips® screws, extra-short series



UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	87	5	012620103
2x6x30	87	5	012620106

1262E

screwdrivers for cross head Phillips® screws with hexagon bolsters



UNI/ISO 8764

PHxDxL mm	L1 mm		
2x6x150	269	3	012620153
3x8x175	302	3	012620156
4x10x200	327	2	012620159

1262L

screwdrivers for cross head Phillips® screws, long series



UNI/ISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	400	3	012620203
1x4,5x300	400	3	012620205
1x4,5x400	508	3	012620206
2x6x400	519	3	012620209

1262MC

screwdriver for cross head Phillips® screws, coloured



PHxDxL mm	L1 mm		
0x3x60	160	3	012622003
1x4,5x80	188	3	012622009
2x6x100	219	3	012622018

1263/D...

set of screwdrivers



1263/D6		1	012630006

1260 0,5x3x75-0,8x4x100
1x5,5x125-1,2x6,5x150 mm
1262 PH1x4,5x80-PH2x6x100 mm

1263/D7		1	012630017

1262 PH0x3x60
PH1x4,5x80
PH2x6x100 mm
1264 0,5x2,5x60-0,6x3x100
0,8x4x125-1x5x125 mm

1263/D7PZ		1	012630007

1260 0,5x3x75-0,8x4x100
1x5,5x150-1,2x6,5x150 mm
1269PZ PZ0 - PZ1 - PZ2

1263/D8		1	012630008

1260 0,4x2,5x50-0,5x3x75
0,8x4x100-1x5,5x125
1,2x6,5x150 mm
1262 PH0x3x60-PH1x4,5x80
PH2x6x100 mm

1263/D10		1	012630010

1260 0,5x3x75-0,6x3,5x100
0,8x4x125-1x5,5x150
1,2x6,5x150 mm
1260N 0,8x4x30
1262 PH0x3x60-PH1x4,5x80
PH2x6x100 mm
1262N PH1x4,5x30

1263/S12

set of 12 screwdrivers



1263/S12 1 012630112

1260	0,4x2,5x50-0,5x3x75 0,6x3,5x100-0,8x4x125 1x5,5x125-1,2x6,5x150 1,2x8x200-1,6x10x200 mm
1262	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm

1263MC/D8

set of 8 coloured screwdrivers



1263MC/D8 1 012632008

1260MC	0,4x2,5x50-0,5x3x75 0,8x4x100-1x5,5x125 1,2x6,5x150 mm
1262MC	PH0x3x60-PH1x4,5x80 PH2x6x100 mm

1264

screwdrivers for headless slotted screws



SxDxL mm	L1 mm		
0,5x2,5x60	160	5	012640003
0,6x3x75	175	5	012640006
0,6x3x100	200	5	012640009
0,8x4x100	208	5	012640012
0,8x4x125	233	5	012640015
1x5x125	233	5	012640018
1x5x150	258	5	012640021
1,2x6,5x150	269	5	012640024



1264/S5 1 012640305
0,5x2,5x60-0,6x3x75
0,8x4x100-1x5x125-1,2x6,5x150 mm

1264L

screwdrivers for headless slotted screws,
long series



SxDxL mm	L1 mm		
0,5x2,5x200	300	3	012640203
0,6x3x300	400	3	012640206
0,8x4x400	508	3	012640209
1x5x400	508	3	012640215
1,2x6,5x400	519	3	012640218

1265ES

hexagon drivers
with handles



mm	L mm	L1 mm		
1,5	100	200	3	012650015
2	100	200	3	012650020
2,5	100	200	3	012650025
3	100	200	3	012650030
4	100	208	3	012650040
5	100	219	3	012650050
6	125	244	3	012650060
8	150	277	2	012650080



1265ES/S8 1 012650308
1,5-2-2,5-3-4-5-6-8 mm

1266BP

ball head hexagon drivers
with handles



mm	L mm	L1 mm		
2	100	200	3	012660020
2,5	100	200	3	012660025
3	125	225	3	012660030
4	125	233	3	012660040
5	120	239	3	012660050
6	140	259	3	012660060
8	160	287	2	012660080
10	160	287	2	012660100



1266BP/S8 1 012660308
2-2,5-3-4-5-6-8-10 mm

1267TX

drivers for Torx® head screws,
with handles



mm	L mm	L1 mm	Ø mm		
T5	50	150	3	5	012670005
T6	50	150	3	5	012670006
T7	50	150	3	5	012670007
T8	60	160	3	5	012670008
T9	60	167	4	5	012670009
T10	80	188	4	5	012670010
T15	80	188	4	5	012670015
T20	100	208	4,5	5	012670020
T25	100	208	5	5	012670025
T27	115	234	6	5	012670027
T30	115	234	6	5	012670030
T40	130	257	7	2	012670040
T45	130	257	8	2	012670045



1267TX/D7
T6-T8-T10-T15
T20-T25-T30

1 012670307



1267TX/S13
T5-T6-T7-T8-T9
T10-T15-T20-T25
T27-T30-T40-T45

1 012670312

1267MC/TX

drivers for Torx® head screws, with handles, coloured



	L mm	L1 mm	Ø mm		
T6	50	150	3	5	012672006
T8	60	160	3	5	012672008
T10	80	188	4	5	012672010
T15	80	188	4	5	012672015
T20	100	208	4,5	5	012672020
T25	100	208	5	3	012672025
T30	115	234	6	3	012672030



1267MC/TX-D7
T6-T8-T10-T15
T20-T25-T30

1 012672307

1268RTX

screwdrivers for Tamper Resistant Torx® head screws, with handles



	L mm	L1 mm	Ø mm		
T9	60	167	4,0	3	012680009
T10	80	188	4,0	3	012680010
T15	80	188	4,0	3	012680015
T20	100	208	4,5	3	012680020
T25	100	208	5,0	3	012680025
T27	115	234	6,0	3	012680027
T30	115	234	6,0	3	012680030
T40	130	257	7,0	2	012680040



1268RTX/S8
T9-T10-T15-T20
T25-T27-T30-T40

1 012680307

1269PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws



UNI/ISO 8764

	L mm	L1 mm		
PZ 0	60	160	5	012690000
1	80	188	5	012690001
2	100	219	5	012690002
3	150	277	3	012690003
4	200	327	3	012690004



1269PZ/S4
PZ0-PZ1-PZ2-PZ3

1 012690304

1269N/PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws, extra-short series



UNI/ISO 8764

	L mm	L1 mm		
PZ 1	30	87	5	012690011
2	30	87	5	012690012

1281BG

interchangeable blade screwdriver handle



L mm	Ø mm		
118	10	5	012810280

1281PM

quick-fit magnetic bit holder



L mm		
165	5	012810292

1281PB

socket holder with 1/4" male drive



L mm		
175	5	012810293

1281LP

reversible screwdrivers for slotted head screws



1281LP/1 0,8x4-1,2x6,5 mm		5 012810302
1281LP/2 1x5,5-1,2x6,5 mm		5 012810304

1281PH

reversible screwdrivers
for cross head Phillips® screws



PH		
1-2	5	012810310
2-3	5	012810312

1281LPH

reversible screwdrivers
for slotted and Phillips® head screws



1281LPH/1	5	012810321
PH0-0,8x4 mm		
1281LPH/2	5	012810322
PH1-1x5,5 mm		
1281LPH/3	5	012810323
PH2-1,2x6,5 mm		

1281PZ

reversible screwdrivers
for cross head Pozidriv®-Supadriv® screws



PZ		
1-2	5	012810330
2-3	5	012810332

1281PE

reversible ball head hexagon
screwdriver blades



mm		
2,5	5	012810342
3	5	012810343
4	5	012810344
5	5	012810345
6	5	012810346

1281TX

reversible screwdrivers for Torx® head screws



1281TX/1	5	012810349
T6-T8		
1281TX/2	5	012810350
T7-T9		
1281TX/3	5	012810351
T10-T15		
1281TX/4	5	012810352
T20-T25		
1281TX/5	5	012810353
T30-T40		

1281RTX

reversible screwdrivers
for Tamper Resistant Torx® head screws



1281RTX/3	5	012810361
T10-T15		
1281RTX/4	5	012810362
T20-T25		
1281RTX/5	5	012810363
T30-T40		

1281BG/A9

assortment of 9 reversible screwdrivers
and 1 accessory in case



1281BG/A9	1	012810520
-----------	---	-----------

1281BG		
1281LPH/1	PH0-0,8x4 mm	
1281LPH/2	PH1-1x5,5 mm	
1281LPH/3	PH2-1,2x6,5 mm	
1281PZ/1	PZ1-PZ2	
1281PE	2,5 mm	
1281PE	3 mm	
1281PE	4 mm	
1281PE	5 mm	
1281PE	6 mm	

1281BG-TX/A8

assortment of 8 reversible screwdrivers
and 1 accessory in case



1281BG-TX/A8	1	012810530
--------------	---	-----------

1281BG		
1281LPH/1	PH0-0,8x4 mm	
1281LPH/2	PH1-1x5,5 mm	
1281LPH/3	PH2-1,2x6,5 mm	
1281TX/1	T6-T8	
1281TX/2	T7-T9	
1281TX/3	T10-T15	
1281TX/4	T20-T25	
1281TX/5	T30-T40	

1281BG/B28NA

assortment of 16 reversible screwdrivers, 9
1/4" sockets, 2 accessories and 1 handle, in
durable polyester wallet



1281BG/B28NA	1	012810511
--------------	---	-----------

900	4 - 4,5 - 5 - 5,5 6 - 7 - 8 - 9 - 10 mm	
1281BG		
1281PB	■ 1/4	
900/25		
1281LP/1	0,8x4 - 1,2x6,5 mm	
1281LP/2	1,0x5,5 - 1,2x6,5 mm	
1281PH/1	PH1 - PH2	
1281PH/2	PH2 - PH3	
1281PZ/1	PZ1 - PZ2	
1281PZ/2	PZ2 - PZ3	
1281PE	2,5 - 3 - 4 - 5 - 6 mm	
1281TX/1	T6 - T8	
1281TX/2	T7 - T9	
1281RTX/3	T10 - T15	
1281RTX/4	T20 - T25	
1281RTX/5	T30 - T40	

2002/BV7-ZIP	1	020020060
--------------	---	-----------



The **BetaMax screwdrivers** rely on several technical characteristics to make work operations even easier.

- The handle is inspired by the triangular section, which ensures optimal screwing, based on a 120° range, in line with maximum wrist rotation.
- The design provides remarkable ergonomic properties, during both quick screwing and tightening operations.
- The chrome-plating free tip ensures perfect coupling with the screw and is protected from oxidation with phosphate-coating treatment.



1290

screwdrivers for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	146	2,5	5	012900003
0,4x2,5x75	171	2,5	5	012900006
0,5x3x75	171	3,0	10	012900009
0,5x3x100	196	3,0	10	012900012
0,6x3,5x75	171	3,5	10	012900018
0,6x3,5x100	196	3,5	10	012900021
0,8x4x100	196	4,0	10	012900030
0,8x4x125	221	4,0	10	012900033
0,8x4x150	246	4,0	10	012900036
1x5,5x100	209	5,0	10	012900039
1x5,5x150	259	5,0	10	012900042
1,2x6,5x100	220	6,0	10	012900048
1,2x6,5x150	270	6,0	10	012900051
1,2x8x150	282	7,0	3	012900057
1,2x8x200	332	7,0	3	012900060
1,6x10x200	332	8,0	3	012900066
2x12x250	382	10	2	012900069

1290/S

screwdriver set



1290/S5			1 012900305

1290	0,5x3x75-0,8x4x100 -1x5,5x150 1,2x6,5x150 -1,2x8x150 mm		
------	--	--	--

1290/S9X			1 012900319

1290	0,4x2,5x75 - 0,5x3,5x100 0,8x4x125 - 1x5,5x150 1,2x6,5x150 - 1,2x8x200 1,6x10x200 mm		
------	---	--	--

1290N	0,8x4x30 -1,2x6,5x30 mm		
-------	-------------------------	--	--

1290N

screwdrivers for slotted head screws
extra short series



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	86	4	5	012900103
1,2x6,5x30	86	6	5	012900106

1292

screwdrivers for cross head
Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm		
0x3x60	156	10	012920003
0x3x100	196	5	012920006
1x4,5x80	189	10	012920009
1x4,5x120	229	10	012920012
2x6x100	220	10	012920018
2x6x150	270	10	012920021
3x8x150	282	3	012920024
4x10x200	332	3	012920027



1292/S4			1 012920304

PH0x3x60-PH1x4,5x80
PH2x6x100-PH3x8x150 mm

1292N

screwdrivers for cross head
Phillips® screws
extra short series

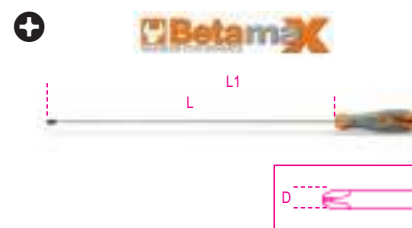


UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	86	5	012920103
2x6x30	86	5	012920106

1292L

screwdrivers for cross head
Phillips® screws, long series



UNI/ISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	396	3	012920203
1x4,5x400	509	3	012920206
2x6x400	520	3	012920209

1293/D...

screwdriver set



1293/D6 1 012930401

1290 0,6x3,5x75-1x5,5x150
1,2x6,5x150 mm
1292 PH0x3x60 -PH1x4,5x80
PH2x6x100 mm

1293/D8 1 012930403

1290 0,5x3x75-0,8x4x100
1x5,5x150-1,2x6,5x150
1,2x8x150 mm
1292 PH0x3x60 -PH1x4,5x80
PH2x6x100 mm

1293/S...

screwdriver set



1293/S8 1 012930208

1290 2,5x50-3x75-4x100-5,5x150
6,5x150 mm
1292 PH0x3x60-PH1x4,5x80
PH2x6x100 mm

1293/S10 1 012930201

1290 0,4x2,5x50 -0,6x3,5x100
1x5,5x100-1,2x6,5x150
1,2x8x200 mm
1292 PH0x3x60 -PH1x4,5x80
PH2x6x100-PH3x8x150 mm

1293/S12 1 012930203

1290 0,5x3x75-0,8x4x125
1x5,5x150-1,2x6,5x150
1,2x8x200 mm
1290N 0,8x4x30 mm
1292 PH0x3x60 -PH1x4,5x80
PH2x6x100-PH3x8x150 mm
1292N PH1x4,5x30-PH2x6x30 mm

1293/S7 1 012930207

1292 PH0x3x60 -PH1x4,5x80
PH2x6x100 mm
1294 0,5x2,5x60-0,6x3x75
0,8x4x100-1x5x125 mm



1293ES

hexagon drivers with handles



mm	L mm	L1 mm	Ø mm	1	012930001
2	100	196	3	5	012930001
2,5	100	196	4	5	012930002
3	100	196	4	5	012930003
4	100	196	5	5	012930004
5	100	209	6	5	012930005
6	125	245	7	5	012930006
8	150	282	10	2	012930008



1293ES/S7 1 012930057
2-2,5-3-4-5-6-8 mm

1293BP

ball head hexagon drivers with handles



mm	L mm	L1 mm	1	012930501
2	100	196	5	012930501
2,5	100	196	5	012930502
3	100	196	5	012930503
4	100	196	5	012930506
5	100	209	5	012930509
6	125	245	5	012930512
8	150	282	2	012930515



1293BP/S7 1 012930558
2-2,5-3-4-5-6-8 mm

1294

screwdrivers for headless slotted screws



SxDxL mm	L1 mm	1	012940003
0,5x2,5x60	156	5	012940003
0,6x3x75	171	5	012940006
0,6x3x100	196	5	012940009
0,8x4x100	196	5	012940012
0,8x4x150	246	5	012940015
1x5x125	234	5	012940018
1,2x6,5x150	282	5	012940027



1294/S5 1 012940305
0,5x2,5x60-0,6x3x100
0,8x4x100-1x5x125
1,2x6,5x150 mm

1294L

screwdrivers for headless slotted screws long series



SxDxL mm	L1 mm	1	012940206
0,6x3x300	396	3	012940206
0,8x4x400	496	3	012940209
1x5x400	509	3	012940215
1,2x6,5x400	532	3	012940218

1295

impact screwdriver



1295 1 012950001
L
mm
130



1295/C14

impact screwdriver
with 14 insets and 1 socket holder



1295/C14 1 012950108

	866LP	1,2x6,5 - 1,6x10 mm
	866PH	PH2 - PH3
	866PZ	PZ2 - PZ3
	866PE	5 - 6 mm
	866TX	T27 - T30 - T40 - T45 - T50 - T55
	895/6	□ 1/2 - ○ 5/16
	1295	■ 1/2

170x100x35 mm - 1,3 kg

1297TX

drivers for Torx® head screws,
with handles



⊕	L mm	L1 mm	Ø mm	1	2
T6	50	146	3,0	5	012970006
T7	50	146	3,0	5	012970007
T8	60	156	3,0	5	012970008
T9	60	169	4,0	5	012970009
T10	80	189	4,0	5	012970010
T15	80	189	4,0	5	012970015
T20	100	209	4,5	5	012970020
T25	100	209	5,0	5	012970025
T27	115	235	6,0	5	012970027
T30	115	235	6,0	5	012970030
T40	130	262	7,0	2	012970040
T45	130	262	8,0	2	012970045



1297TX/S12 1 012970312
T6-T7-T8-T9-T10
T15-T20-T25-T27
T30-T40-T45



1297TX/D6 1 012970409
T10-T15-T20
T25-T27-T30

1297TX/L

drivers for Torx® head screws, long series



⊕	L mm	L1 mm	Ø mm	1	2
T15	210	319	4,0	2	012970115
T20	210	319	4,5	2	012970120
T25	210	319	5,0	2	012970125
T30	210	330	6,0	2	012970130
T45	210	342	8,0	2	012970145



1297TX/L-S5 1 012970325
TX/L15-TX/L20-TX/L25-
TX/L30-TX/L45

1298RTX

screwdrivers for Tamper Resistant Torx®
head screws, with handles



⊕	L mm	L1 mm	Ø mm	1	2
T9	60	169	4,0	5	012980009
T10	80	189	4,0	5	012980010
T15	80	189	4,0	5	012980015
T20	100	209	4,0	5	012980020
T25	100	209	4,5	5	012980025
T27	115	235	5,5	5	012980027
T30	115	235	6,0	5	012980030
T40	130	262	7,0	2	012980040



1298RTX/S8 1 012980308
T9-T10-T15-T20
T25-T27-T30-T40

1299PZ

screwdrivers for cross head
Pozidriv®-Supadriv® screws



UNI/ISO 8764

PZ	L mm	L1 mm	1	2
0	60	156	5	012990000
1	80	189	5	012990003
2	100	220	5	012990006
3	150	282	2	012990009
4	200	332	2	012990012



1299PZ/S6 1 012990306
1299PZ PZ0-PZ1-PZ2-PZ3
1299N/PZ PZ1-PZ2

1299N/PZ

screwdrivers for cross head
Pozidriv®-Supadriv® screws
extra short series



UNI/ISO 8764

PZ	L mm	L1 mm	1	2
1	30	86	5	012990021
2	30	86	5	012990024



VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions. For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

Diagnostics	items 1438 to 1499 items 1758VT to 1760TMC
Engine	items 955 to 989A items 1438 to 1499
Oil and filters	items 1438 to 1499 items 1877 to 1885
Electric system	items 1438 to 1499
Starters	items 1498BC/12 to 1498/40A
Transmission	items 1438 to 1499
Suspension	items 1549 to 1569CP
Brakes	items 1438 to 1499
Wheels	items 955 to 989A
Body work	items 1302 to 1369 items 1763 to 1767A
Other equipment	items 1878 to 3067
Jacks	items 3029/2T to 3067/70-13T



1302
double end dolly, round,
convex pein head



770 1 013020001

1303
curved dolly



1350 1 013030001

1304
sole dolly



875 1 013040001

1305
toe dolly



1190 1 013050001

1305Z
milled toe dolly



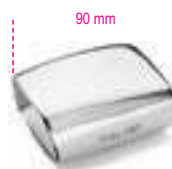
1065 1 013050002

1306
heel dolly



1040 1 013060001

1307
regular dolly



1100 1 013070001

1308
egg dolly



1100 1 013080001

1310
general purpose dolly



1225 1 013100001

1312
anvil dolly



1220 1 013120001

1314

double end dolly, convex, flat head



g
760 **1** 013140001

1326

curved angle spoon



g
560 **1** 013260001

1327

heavy-duty spoon



g
1075 **1** 013270001

1328

pry and bumping spoon



g
935 **1** 013280001

1329

double-ended spoon



g
1800 **1** 013290001

1330

long double-ended spoon



g
2125 **1** 013300001

1331

bending iron with leather face



g
1100 **1** 013310001

1335BM

bumping blade
with plastic handle



g
500 **2** 013350010

1337/S5

set of 5 stopping knives for car repairers,
made of stainless steel

Japanese type
(25-50-75-100-125 mm)



L
mm
25-50-75-100-125 **1** 013370015

1338A - 1338B

adjustable body blade holder
with flexible flat blades



L
mm
1338A 9 360 **2** 013380001
1338B 12 360 **2** 013380002

1338

body blade holder for item 1338R



1338 **2** 013380003

1338R9 - 1338R12

spare body blades for item 1338A-B



1338R9 9 **2** 013380004
1338R12 12 **2** 013380005

1342

extra flat chisel with straight cutter



L
mm
235 **5** 013420001

1342PM

extra flat chisel with straight cutter
with hand guard



L **L1**
mm mm
235 118 **2** 013420002

1342PMR

spare hand guard for item 1342



1342PMR **1** 013420003

1343

flat chisel with side cutter



L
mm
200 **5** 013430001

1344

feeler gauges for car body repair shops, pair, 10-bladed, with suction cup

suitable for:
• fitting rear windows
• maintaining position during installation



1344 1 013440010

1344A/VW

fixing hook removal tool for Volkswagen handles



L mm 260 1 013440100

1345

hammer with round, convex face and pein, wooden shaft



1345 2 013450010

1351

hammer with round, flat face and ball pein, wooden shaft



1351 2 013510010

1353

hammer with round, flat face and point pein, wooden shaft



1353 2 013530010

1357Z/45

hammers with flat, round, milled face and square, smooth face, wooden shafts



1357Z/45 2 013570045

1359T

hammer with round, flat face and horizontal pein, wooden shaft

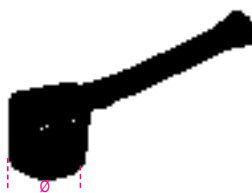


1359 T 2 013590010

1360G

soft dead-blow rubber hammer, for installing gaskets and delicate parts

The extremely soft faces prevent any parts being worked on from getting damaged, as they absorb impact by getting deformed.



L mm 280 Ø mm 72 1 013600000

1360/K6

aluminium hammer with flat, round face, interchangeable plastic pins and punch

supplied with:
• 4 plastic pins
• 1 punch, adjustable in 2 different lengths, applicable to hammer



L mm 320 Ø mm 34 1 013600006

1360/KP3

hammers with ball heads and point peins/punches, made of plastic

Kit contents:
• 1 210 g hammer with head Ø 30 mm
• 1 290 g hammer with head Ø 40 mm
• 1 75 g punch with 5 mm pein



1360/KP3 1 013600503

1361/C12

set of Teflon® rods for body repair shops



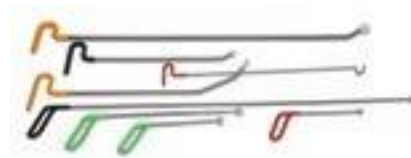
1361/C12 1 013610012

275x160x57 mm

1361/K9

kit of 8 levers for bodywork dent pullers

kit contents:
• round ball head rod, Ø 31 mm, length 110 cm
• tip rod, length 62 cm
• whale tail tip rod, length 112 cm
• hook tip rod, length 27 cm
• flat round head rod, length 50 cm
• round ball head rod, Ø 19 mm, length 52 cm
• whale tail head rod, length 27 cm
• round whale tail head rod, length 28 cm
• fabric bag with handles



1361/K9 1 013610030



1362B

circular dent reflector made from textile material

- surface fully covered with a nonscratch material
- supplied in a small transport bag



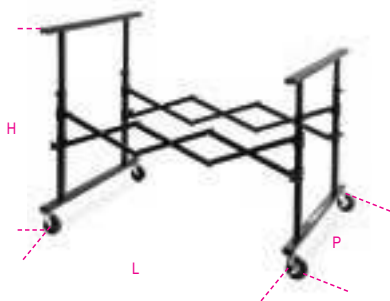
	∅ mm		
1362B	755	1	013620011

1364SE

extension bodywork support

Specifications:

- 4 swivel castors, 2 with brakes
- pantograph can be extended up to 1400 mm
- vertically adjustable up to 1315 mm
- position locking
- contact surface covered with removable rubber



	L mm	H mm	P mm	
215+1400	780+1315	890		1 013640001

1364SV

bodywork support with central tray

Specifications:

- contact surface covered in polyethylene
- tray dimensions: 340x845x40 mm
- foldable

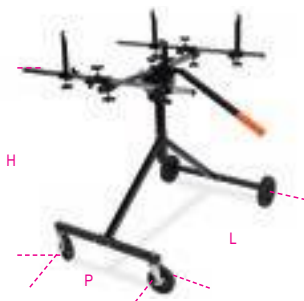


	H mm		
1000		1	013640002

1364SCP

revolving bodywork support

particularly suitable for bonnets, wings and doors fitted with 4 castors - 2 steering with brakes can be rotated up to 180°



	H mm	L mm	P mm	
1300	1100	680		1 013640003

1364SP

bodywork support with suction cups

particularly suitable for use with windows fitted with 4 suction cups, ∅ 95 mm extension can be adjusted by means of a chain polyethylene coated tube



	H mm	L mm	
1250	950		1 013640004



1365/K13

oil pressure pump, 10 t, and bodywork accessories kit in trolley

Kit contents:

- oil pressure pump, 10 t, with 1.5-m-long hose, 1/2" coupling
- piston
- wing opening pliers; capacity: 500 kg
- baseplate, 150x90 mm
- L-shaped base, 50x50 mm
- 4-point punch
- round, knurled punch, ∅ 50 mm
- wedge-shaped punch, 43 mm
- 240-mm-long extension
- 450-mm-long extension
- 475-mm-long extension
- rubber head
- male-to-male coupling for installing accessories



1365/K13	1	013650013
----------	---	-----------

900x420x180 mm

1365P10

oil pressure pump

1.5-m-long hose, 1/2" coupling



1365P10	1	013650110
---------	---	-----------

1366A

dent puller with kit of 19 plastic glue tabs

ideal for removing:

- hail dents
- dents caused by doors
- small dents in general



1366A	1	013660200
-------	---	-----------

1366B

hammer face for plastic dent pulling glue tabs

hammer face weight: 500 g

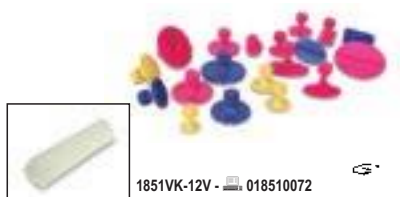


L
mm
440

1 013660250

1366KF

kit of 19 plastic glue tabs for item 1366A



1851VK-12V - 018510072

1366KF

1 013660205

1366/K5

pneumatic dent puller, with 1.1 kg hammer face

Kit contents:

- 1 suction cup Ø 75 mm
- 1 suction cup Ø 100 mm
- 1 suction cup Ø 125 mm
- 1 hook



1366/K5

1 013660010

610x240x90 mm

1366S

wheeled bodywork spotter

- microprocessor for managing welding parameters
- welding power and time adjustment
- adjustment range: 400÷2200 Ah
- single, pulsed, continuous point selector
- welding parameters table
- thermal protection indicator
- quick coupling gun
- voltage: 230 V

CE



1366S

1 013660000

1366S KIT

spotter accessory kit

- 10 slotted washers
- 10 90° slotted washers
- 100 threaded pins, 5x18 mm
- 100 self-threading pins, 5x18 mm
- 100 self-threading pins, 5x25 mm
- washer hook, Ø 8x16x1.5 mm
- electrode for M5-M6 screws
- electrode for slotted washers



1366S KIT

1 013660001

250x170x35

1366SL

pulling lever for repairing dents on metal surfaces

articulated multihook head for use with crimped wire



L
mm
700

1 013660002

1366ST

crossbar for repairing dents on metal surfaces

articulated multihook head for use with crimped wire



L
mm
850

1 013660003

1366S/R1

3-pointed washer mandrel



1366S/R1

1 013660501

1366S/R2

3-pointed washer for pulling sheets



1366S/R2

1 013660502

Stated prices are for 20 pieces

1366S/R3

electrode for washers Ø 8x16x1.5 mm



1366S/R3

1 013660503

1366S/R4

washer hook, Ø 8x16x1.5 mm



1366S/R4

1 013660504

1366S/R5

washers Ø 8x16x1.5 mm



1366S/R5

1 013660505

Stated prices are for 100 pieces



1366S/R6

electrode for M5-M6 screws



1366S/R6 1 013660506

1366S/R7

100 self-threading pins, 5x18 mm



1366S/R7 1 013660507

1366S/R8

100 self-threading pins, 5x25 mm



1366S/R8 1 013660508

1366S/R9

100 threaded pins, M5 x 18 mm



1366S/R9 1 013660509

1366S/R10

10 slotted washers



1366S/R10 1 013660510

1366S/R11

electrode for slotted washers



1366S/R11 1 013660511

1366S/R12

10 90° slotted washers



1366S/R12 1 013660512

1366S/R13

sheet flattening electrode



1366S/R13 1 013660513

Stated prices are for 5 pieces

1366S/R14

wire spot welding electrode



1366S/R14 1 013660514

1366S/R21

crimped wires for use of pulling lever and crossbar



1366S/R21 1 013660551

Stated prices are for 10 pieces

1366S/R22

magnetic support for crimped wire



1366S/R22 1 013660552

1366S/R24

pull ring M4



1366S/R24 1 013660554

Stated prices are for 5 pieces

1366S/R25

pull ring M5



1366S/R25 1 013660555

Stated prices are for 5 pieces

1366S/R26

pull ring M6



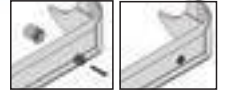
1366S/R26 1 013660556

Stated prices are for 5 pieces

1367/S4

set of punches for installing parking sensors

sizes:
23 - 24 - 27 - 28



1367/S4 1 013670104

1367/K10

kit of punches for installing parking sensors

Kit contents:
• sizes: 17 - 18 - 18.2 - 19 - 20 - 22.5 - 24 - 26 - 26.7 - 32 mm



∅ 12 mm



1367/K10 1 013670200

≡ 190x130x58 mm



1368

plastic repair kit

- Allows cracked and broken plastic parts to be quickly fixed

Power supply: 220+240 V with Schuko socket
 Heat gun cable length: 3.5 m
 Power supply cable length: 1.35 m
 2 power adjustments: 35-75 W
 Heat gun with brass terminals, 2 staple insertion angles:
 0°-90°
 Input protection: thermal circuit breaker
 Output protection: 10 A fuse
 Metal gun pocket

CE



1368 1 013680001

1368G/K400

assortment of 400 clips
 for item 1368



1368G/K400 1 013680140

1368G/OD

corrugated clips, straight, for item 1368



1368G/OD 1 013680100

The prices shown are for 100 pieces

1368G/SD

spiral clips, straight, for item 1368



1368G/SD 1 013680110

The prices shown are for 100 pieces

1368G/CV

convex angle clips for item 1368



1368G/CV 1 013680120

The prices shown are for 100 pieces

1368G/C2U

concave angle clips for item 1368



1368G/C2U 1 013680130

The prices shown are for 100 pieces

HAMMER HANDLES

Handles made from **hickory** wood
 Hickory is a type of wood with excellent properties, which suit hammer handles perfectly. Its long fibre structure absorbs vibration and makes it extremely resistant to breakage. In the unlikely event that some fibres should break, the risk that the head will suddenly come off is very small anyway.

Wood handles can be replaced when worn.

As wood is a natural material, it should retain its own moisture. Therefore, the hammer should not be stored in an excessively dry place.

Handles made from **fibreglass**

Handles with fibreglass core are both durable and safe; the risk of breakage and injuries is reduced to a minimum.

They are weathertight and resistant to the most common chemicals.



- Indestructible fibreglass core

- Ergonomic polypropylene frame

- Non-slip, comfortable elastomer coating

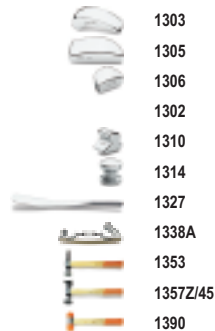
1369/C11

assortment of 11 tools



1369/C11

1 013690033



470x340x70 mm - 15,2 kg

1370

engineer's hammers, wooden shaft



UNI 7778 DIN 1041

	A	L	L1	
g	mm	mm	mm	
100	15	260	82	5 013700051
200	19	280	95	5 013700052
300	23	300	105	5 013700053
400	25	310	112	5 013700054
500	27	320	118	5 013700055
600	30	330	122	5 013700056
800	33	350	130	4 013700058
1000	36	360	135	4 013700060
1500	42	380	145	2 013700065
2000	47	400	155	1 013700070



1370/MR...

spare shafts for item 1370



Item	QTY	Part No.
1370MR 100 1370/100	4	013700081
1370MR 200 1370/200	4	013700082
1370MR 300 1370/300	4	013700083
1370MR 400 1370/400	4	013700084
1370MR 500 1370/500	4	013700085
1370MR 600 1370/600	4	013700086
1370MR 800 1370/800	4	013700088
1370MR 1000 1370/1000	4	013700090
1370MR 1500 1370/1500	4	013700095
1370MR 2000 1370/2000	4	013700100

1370T

mechanic's hammers
fibre shaft



g	A mm	L mm	L1 mm	QTY	Part No.
200	19	280	95	5	013700620
300	23	300	105	5	013700630
500	27	320	118	5	013700650
800	33	350	130	4	013700680
1000	36	360	135	4	013700700
1500	42	365	145	2	013700750

1370F

riveting hammers, wooden shaft



NF E 71.014

A mm	L mm	L1 mm	QTY	Part No.
24	260	77	2	013700424
26	260	80	2	013700426
28	280	86	2	013700428
30	280	92	2	013700430
32	300	100	2	013700432
36	300	104	2	013700436
40	330	110	2	013700440
42	330	116	2	013700442
50	380	138	2	013700450
60	380	160	2	013700460

1370F/MR...

spare shafts for item 1370F



Item	QTY	Part No.
1370F/MR 24 1370F/24-26	2	013700474
1370F/MR 28 1370F/28-30	2	013700478
1370F/MR 32 1370F/32-36	2	013700482
1370F/MR 40 1370F/40-42	2	013700490
1370F/MR 50 1370F/50	2	013700495
1370F/MR 60 1370F/60	2	013700496

1370FT

riveting hammers, fibre shafts



A mm	L mm	L1 mm	QTY	Part No.
28	280	86	1	013700528
30	280	92	1	013700530
32	300	100	1	013700532
36	300	104	1	013700536
40	330	110	1	013700540
42	330	116	1	013700542
50	380	138	1	013700550
60	380	160	1	013700560

1374F

carpenter's hammers, wooden shaft



NF E 71.012

A mm	L mm	L1 mm	QTY	Part No.
16	250	80	2	013740416
20	270	86	2	013740420
22	290	92	2	013740422
26	290	103	2	013740426
28	310	108	2	013740428
30	310	117	2	013740430

1374F/MR...

spare shafts for item 1374F



Item	QTY	Part No.
1374F/MR 16 1374F/16	2	013740456
1374F/MR 20 1374F/20	2	013740460
1374F/MR 22 1374F/22-26	2	013740462
1374F/MR 28 1374F/28	2	013740468
1374F/MR 30 1374F/30	2	013740470

1375

claw hammer, wooden shaft



g	L1 mm	Ø mm	L mm	QTY	Part No.
300	95	25	300	3	013750000

1375/MR

spare shafts for item 1375



Item	QTY	Part No.
1375/MR	2	013750003

1375A

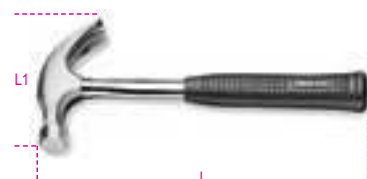
claw hammers,
plastic and fibreglass handles



oz	g	L mm	L1 mm	QTY	Part No.
16	450	330	130	3	013750016
20	570	330	130	3	013750020

1375B

claw hammers, steel shafts



oz	g	L mm	L1 mm	QTY	Part No.
16	450	330	130	3	013750026
20	570	330	130	3	013750030

1376X

claw hammers with square peins,
magnets and nail holders
wooden shaft



g	A mm	L1 mm	L mm	QTY	Part No.
250	20	125	450	3	013760125
300	25	130	450	3	013760130
400	27	132	450	3	013760140

1376X/MR

spare shaft for item 1376X



1376X/MR 2 013760161

1376XT

claw hammers with square peins, magnets and nail holders plastic shaft



g	A	L1	L	
mm	mm	mm	mm	
250	20	125	500	3 013760525
300	25	130	500	3 013760530
400	27	132	500	3 013760540

1376XT/MR

spare shaft for item 1376XT



1376MR/XT 2 013760585

1377

ball pein hammers, round heads, for coppersmiths and tinsmiths, wooden shafts



HICKORY

g	L	L1	
mm	mm	mm	
340	330	95	2 013770134
450	350	102	2 013770145
570	350	110	2 013770157
680	360	116	2 013770168
900	380	120	2 013770190

1377/MR...

spare shafts for item 1377



1377MR 340 1377/340	2 013770234
1377MR 450 1377/450	2 013770245
1377MR 570 1377/570	2 013770257
1377MR 680 1377/680	2 013770268
1377MR 900 1377/900	2 013770290

1377T

ball pein hammers, round hands, for coppersmiths and tinsmiths, fibre shafts



g	L	L1	
mm	mm	mm	
340	330	95	2 013770534
450	350	102	2 013770545
570	350	110	2 013770557
680	360	116	2 013770568
900	380	120	2 013770590

1378

joiner's hammers, round heads and peins, wooden shaft



HICKORY

g	L	L1	Ø	
mm	mm	mm	mm	
340	330	100	27	2 013780134
570	350	115	32	2 013780157

1378/MR...

spare shafts for item 1378



1378MR 340 1378/340	2 013780234
1378MR 570 1378/570	2 013780257

1379F

electrician's hammers, wooden shafts



NF E 71.011

A	L	L1	
mm	mm	mm	
16	250	126	2 013790416
18	250	135	2 013790418
20	260	142	2 013790420

1379F/MR...

spare shafts for item 1379F



1379F/MR 16 1379F/16-18	2 013790426
1379F/MR 20 1379F/20	2 013790430

1380

lump hammers, wooden shafts



HICKORY

UNI 7777 DIN 6475

g	A	L	L1	
mm	mm	mm	mm	
800	38	260	90	2 013800208
1000	40	260	95	2 013800210
1250	43	260	100	2 013800212
1500	45	280	110	2 013800215
2000	50	300	120	2 013800220

1380/MR...

spare shafts for item 1380



1380MR 800 1380/800-1000-1250	2 013800238
1380MR 1500 1380/1500	2 013800245
1380MR 2000 1380/2000	2 013800250

1380S

mason club hammers with security collars wooden shafts



g	A	L	L1	
mm	mm	mm	mm	
800	36	260	90	2 013800400
1000	39	260	95	2 013800405
1250	43	260	100	2 013800410
1500	45	260	110	2 013800415

1380S/MR...

spare shafts for item 1380S



1380S/MR 800 1380S/800-1000-1250	2 013800417
1380S/MR 1500 1380S/1500	2 013800419

1380T

Mason club hammers, fibre shafts



g	A mm	L mm	L1 mm		
800	35	260	85	2	013800308
1000	40	260	100	2	013800310
1250	42	260	110	2	013800312
1500	45	260	120	2	013800315
2000	49	295	120	1	013800320

1381

sledge hammers, Hickory shafts



g	A mm	L mm	L1 mm		
3000	55	800	142	1	013810030
4000	60	900	152	1	013810040
5000	70	900	162	1	013810050
8000	80	900	185	1	013810080

* = ash shaft

1381/MR...

spare shafts for item 1381



1381MR 3-4 1381/3000-4000	2	013810730
1381MR 5 1381/5000	2	013810750
1381MR 8 1381/8000	2	013810780

1381T

sledge hammers, fibre shafts



g	A mm	L mm	L1 mm		
3000	55	900	142	1	013810330
4000	60	900	152	1	013810340
5000	70	900	162	1	013810350
8000	82	920	180	1	013810380

1385

copper head hammers, wooden shafts



g	A mm	L mm	L1 mm		
400	26	260	75	2	013850404
600	32	270	80	2	013850406
800	34	280	90	2	013850408
1000	37	280	100	2	013850410
1500	43	280	110	2	013850415
2000	48	300	120	1	013850420

1385/MR

spare shafts for item 1385



1385MR 400 1385 400	2	013850464
1385MR 600 1385 600	2	013850466
1385MR 800 1385 800	2	013850468
1385MR 1000 1385 1000	2	013850470
1385MR 1500 1385 1500	1	013850475
1385MR 2000 1385 2000	1	013850480

1390

soft face hammers, wooden shafts



UNI 7784

Ø mm	L mm	L1 mm		
22	260	70	5	013900022
28	280	85	5	013900028
35	310	95	5	013900035
45	320	107	4	013900045
60	380	128	2	013900060

1390/MR...

spare shafts for item 1390



1390MR 22 1390/22	2	013900222
1390MR 28 1390/28	2	013900228
1390MR 35 1390/35	2	013900235
1390MR 45 1390/45	2	013900245
1390MR 60 1390/60	2	013900260

1390R

spare faces for item 1390



Ø mm		
22	4	013900122
28	4	013900128
35	4	013900135
45	4	013900145
60	4	013900160

1390N

nylon face hammers, wooden shafts

Medium-hard faces: 75 Shore
Oil and wear resistant
Particularly suitable for working metal



UNI 7784

Ø mm	L mm	L1 mm		
22	260	70	3	013900522
28	280	85	3	013900528
35	310	95	3	013900535
45	320	107	2	013900545
60	380	128	2	013900560

1390NR

spare nylon faces for item 1390N



Ø mm		
22	4	013900622
28	4	013900628
35	4	013900635
45	4	013900645
60	4	013900660

1391

dead-blow hammers, entirely covered with rubber



Ø mm	L mm	L1 mm		
35	280	90	2	013910135
50	320	105	2	013910150
55	355	110	2	013910155
65	380	130	2	013910165

1391A

dead-blow hammers for tile workers, entirely covered with rubber



g	Ø mm	L mm	L1 mm		
500	45	290	100	2	013910205
1000	60	300	120	2	013910210

1392

dead-blow hammers, with interchangeable plastic faces, steel shafts



Ø mm	L mm	L1 mm		
30	300	105	2	013920030
35	305	115	2	013920035
40	310	125	2	013920040
50	325	135	2	013920050
60	385	155	2	013920060

1392R

spare faces for item 1392



Ø mm		
30	4	013920230
35	4	013920235
40	4	013920240
50	4	013920250
60	4	013920260

1393

hard rubber head hammers



Ø mm	L mm	L1 mm		
50	315	90	3	013930050
60	340	110	3	013930060
70	370	130	2	013930070

VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

Diagnostics	items 1438 to 1499 items 1758VT to 1760TMC
Engine	items 955 to 989A items 1438 to 1499
Oil and filters	items 1438 to 1499 items 1877 to 1885
Electric system	items 1438 to 1499
Starters	items 1498BC/12 to 1498/40A
Transmission	items 1438 to 1499
Suspension	items 1549 to 1569CP
Brakes	items 1438 to 1499
Wheels	items 955 to 989A
Body work	items 1302 to 1369 items 1763 to 1767A
Other equipment	items 1878 to 3067
Jacks	items 3029/2T to 3067/70-13T



1410/M

spring pulling hook wrench



Ø mm		
3,5	2	014100051

1428

pullers for damaged nuts with square drive



Ø mm	□	L mm	○ mm		
8	3/8	36	17	2	014280008
10	3/8	36	17	2	014280010
11	3/8	36	17	2	014280011
12	3/8	36	19	2	014280012
13	3/8	36	19	2	014280013
14	3/8	36	19	2	014280014
15	1/2	38	21	2	014280015
16	1/2	38	21	2	014280016
17	1/2	38	21	2	014280017
18	1/2	38	26	2	014280018
19	1/2	38	26	2	014280019
20	1/2	38	26	2	014280020
21	1/2	38	26	2	014280021
22	1/2	38	26	2	014280022
24	1/2	38	26	2	014280024
27	1/2	38	26	2	014280027

1428L

socket pullers, long series, for damaged right-hand nuts, with square drive



Ø mm		
17	1	014280217
19	1	014280219
21	1	014280221



1428L/B3	1	014280303
17-19-21 mm		



1428/SB11	1	014280111
8-10-11-12-13-14		
15-16-17-18-19 mm		
1428/SB5	1	014280115
20-21-22-24-27 mm		

1429

pullers for damaged screws and stud bolts with square drive

3/8"

12"



mm	□	L mm		
2	3/8	60	3	014290002
3	3/8	60	3	014290003
4	3/8	60	3	014290004
5	3/8	60	2	014290005
6	3/8	60	2	014290006
8	1/2	70	2	014290008
10	1/2	70	2	014290010

3/8"

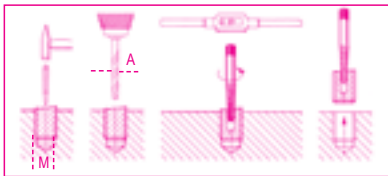
12"



1429/SB7 1 014290107
2-3-4-5-6-8-10 mm

1430/...

tapered extractors for broken screws and studs made from hardened and tempered steel



	M	A mm		
1430/1	3+6	2,5	10	014300006
1430/2	6+8	3,0	10	014300008
1430/3	8+11	4,5	10	014300011
1430/4	11+14	6,0	10	014300014
1430/5	14+18	8,0	10	014300018
1430/6	18+24	11,0	5	014300024
1430/7	24+33	14,0	5	014300033
1430/8	33+50	21,0	5	014300050

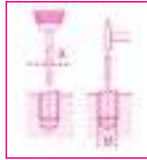


1430/S5	1	014300105
1430/1-1430/2-1430/3		
1430/4-1430/5		
1430/S6	1	014300106
1430/1-1430/2-1430/3		
1430/4-1430/5-1430/6		
1430/S8	1	014300108
1430/1-1430/2-1430/3		
1430/4-1430/5-1430/6		
1430/7-1430/8		

1431/...

tapered extractors for broken screws and studs

For removing screws and studs that cannot be held firmly, percussion mechanism

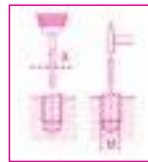


	M	A	L	□		
	mm	mm	mm	mm		
1431/3	3+6	2,5	59	5	10	014310051
1431/5	6+8	5,0	68	5	10	014310052
1431/6	8+11	6,0	72	6	10	014310053
1431/8	11+14	8,0	77	8	10	014310054
1431/9	14+18	9,0	82	9	10	014310055

1431/C5

tapered extractors for broken screws and studs

Percussion mechanism



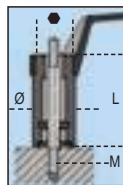
	M	A		
	mm	mm		
1431/C5	6+18	3+9	1	014310005

1433

roller stud extractors

3/8"

12"



M	∅	L	●	□		
mm	mm	mm	mm			
5	21	60	19	3/8	2	014330005
6	24	60	21	1/2	2	014330006
7	24	60	21	1/2	2	014330007
8	24	60	21	1/2	2	014330008
9	28	70	21	1/2	2	014330009
10	28	70	21	1/2	2	014330010
10,5	28	70	21	1/2	2	014330021
11	28	70	21	1/2	2	014330011
12	28	70	21	1/2	2	014330012
14	36	72	24	-	2	014330014
16	36	72	24	-	2	014330016

1433/C11

roller stud extractors with 1/2" female square drives

3/8"

12"

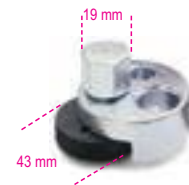
□



1433/C11 1 014330311
M5 - M6 - M7 - M8 - M9 - M10 - M10,5
M11 - M12 - M14 - M16
340x135x56 mm - 3,0 kg

1435

eccentric stud extractor



∅
mm
4+20 1 014350001

1435R

spare wheel for item 1435



1435R 1 014350010

1435/1

eccentric stud extractor



∅
mm
19+26 1 014350002

1435/1R

spare wheel for item 1435/1



1435/1R 1 014350011

1437/C12

assortment of 12 tools for removing air bags



1437/C12 1 014370001
260x160x55 mm - 1,0 kg

1438

universal clutch aligner complete with 3 expansion mandrels



1438 1 014380001

1438R

spare expansion mandrels for item 1438



∅ mm 5 014380101
14÷18 5 014380102
18÷21 5 014380103
22÷25 5 014380103

1438DCT

tool for removing and installing 6-speed DCTs

for use on Volvo, Ford, Chrysler and Dodge vehicles

38"



1438DCT 1 014380300

1438EVO

universal clutch aligning kit

Component parts made entirely from metal



1438EVO 1 014380011
290x200x60 mm - 2 kg

1438DSG

lever for locking/unlocking DSG dual-clutch gearbox from VAG group



1438DSG 1 014380200

1438K/DSG-2

tool set for aligning 6- and 7-speed DSG clutches

for use with 6-speed DSG and manual-shift, 7-speed DSG (series 1 and 2) and S-tronic gearboxes.



1438K/DSG-2 1 014380260
350x370x117 mm - 10 kg

1438K/PWR

removal/installation tool set for Powershift dual clutch transmission



1438K/PWR 1 014380270
440x400x85 mm - 10 kg

1438DCT/S

tool set for aligning Ford dry dual clutches

for clutch alignment after carrying out jobs like clutch oil seal replacement



1438DCT/S 1 014380305
440x400x85 mm - 8 kg

1439/K7

angular screwdriver (90°), long series, with blades, in case



Case contents:
- Angular screwdriver
- 1 slotted screw head
- 1 1/4" bit head
- Special blade head
- 7 special blades

1439K7 1 014390101
500x120x60 mm - 825 g

1440/...

piston ring compressors



	Ø mm	L mm		
1440/0	40÷75	50	1	014400000
1440/1	57÷125	80	1	014400010
1440/1A	57÷125	100	1	014400011
1440/2	90÷175	80	1	014400020
1440/2A	90÷175	100	1	014400021
1440/3	90÷175	165	1	014400030

1445/1 - 1445/2

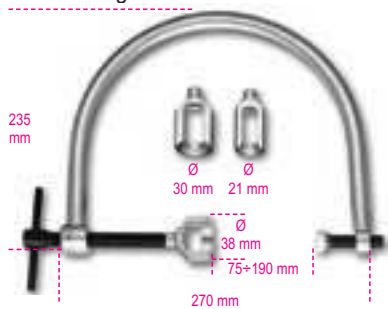
piston ring expanders



	Ø mm		
1445/1	50÷100	1	014450001
1445/2	90÷150	1	014450002

1452K

valve spring compressor,
with three flanges



1452K	1	014520100
-------	---	-----------

1452PN/K

pneumatic tool for engine valve springs

Thrust pressure: 1400 N



Ø mm	L mm	L1 mm		
16-19-23	230	185	1	014520110
25-30-42				

1454P

scraper for removing
packing and sealant residues

particularly recommended for cleaning
heads and flat surfaces to match



L mm	L1 mm	± mm		
210	32	3,3	1	014540010

1455SVP

pneumatic valve grinder

• Pressure: 6 bars



1455SVP	1	014550001
---------	---	-----------

1455SVP/R...

spare parts for item 1455SVP



1455SVP/R1	5	014550501
1455SVP/R2	5	014550502
1455SVP/R3	5	014550503

1457/B4

tool set for releasing
Rilsan hose fittings

Sizes included in set:

- 6x8
- 10x12
- 15x16
- 18x12



1457/B4	1	014570024
---------	---	-----------

1458

external butt-ended circlip pliers



DIN 5417	200 mm		
Ø mm	30÷100	2	014580001

1460F

valve seat removing tool



1460F	1	014600010
-------	---	-----------

1461/C5G

timing devices for Fiat/Alfa/Lancia/Opel/
Suzuki/Ford
diesel engines
Engines: 1.3 Multijet



1461/C5G	1	014610053
----------	---	-----------

280x245x75 mm 2,6 kg

1461/C6B

timing devices for
Peugeot/Citroën petrol engines

Engines: 1.0-1.1-1.4-1.6-1.6 16v-1.6Gti-1.6 18V-1.8-1.8 16v-1.9-2.0-2.0 16v-2.0T-2.0 Hpi-2.2 16v



1461/C6B	1	014610063
----------	---	-----------

310x290x120 mm 3,5 kg

1461/C6G

timing devices for
Peugeot/Citroën diesel engines

Engines: 1.4-1.6-2.0D, 1.4-1.6TDCI, 1.4-1.6-2.0-2.2Hdi,
1.5-1.9-2.5D



1461/C6G  
1 014610064
385x290x100 mm  3,8 kg

1461/C7B

timing devices for
Renault/Nissan petrol engines

Engines: 1.4-1.6-1.8-2.0 16V





1461/C7B  
1 014610072
280x245x75 mm  3,2 kg

1461/C8B

timing devices for Ford petrol engines

Engines: 1.25-1.4-1.6-1.6 SCTI-1.6 Ti-VCT-1.6 16V






1461/C8B  
1 014610083
240x210x50 mm  1,8 kg

1461/C9B

timing devices for Opel petrol engines

Engines: 1.0 12V, 1.0-1.2-1.4 16V



1461/C9B  
1 014610092
335x145x60 mm  2 kg

1461/C11A

timing devices for
Renault engines

Engines: 2.0 dCi






1461/C11A  
1 014610111
420x280x60 mm -  1,2 kg

1461/C12A

timing devices for
Fiat engines

Engines: 1.9-2.2 JTS and 1.9 JTD Euro 4






1461/C12A  
1 014610123
280x245x75 mm -  1,8 kg

1461/C13B

timing devices for Fiat 1.4 Multiair engines






1461/C13B  
1 014610134
240x210x50 mm  2,8 kg

1461/C18B

timing devices for
Volkswagen/Audi/Seat and Skoda petrol engines

Engines: 1.6-1.8-1.8T, 1.4-1.6-1.8-2.0 16V,
1.4-1.6-2.0 FSI





1461/C18B  
1 014610182
310x290x120 mm  2,5 kg

1461/C20G

timing devices for
Fiat Iveco/Peugeot/Citroën/Ford diesel engines

Engines: 2.2-2.3-3.0 Multijet



1461/C20G  
1 014610221
385x290x100 mm  5,5 kg

1461/C21G

timing devices for Renault diesel engines

Engines: 1.6 dCi



1461/C21G

1 014610222

310x290x120 mm 3 kg

1461/C23B

timing devices for Opel petrol engines

Engines: 1.0 - 1.2 - 1.4 ecotflex



1461/C23B

1 014610224

280x245x75 mm 2,5 kg

1461/C24B

timing devices for Mini-Peugeot/Citroën petrol engines

Engines: 1.4 - 1.6 (N12-N14)



1461/C24B

1 014610225

280x245x75 mm 2,8 kg

1461/C25G

timing devices for Mini diesel engines

Engines: 1.6 diesel (W16D)



1461/C25G

1 014610226

270x120x45 mm 1 kg

1461/C27G

timing devices for Bmw diesel engines

Engines: 1.6-2.0D (N47-N47S)



1461/C27G

1 014610228

280x245x75 mm 2 kg

1461/C28B

timing devices for Volkswagen, Seat and Skoda petrol engines

engines: 1.0 - 1.0 Bluemotion Tech
1.0 Ecofuel/Ecomotive - 1.0 Green Tech



1461/C28B

1 014610229

280x245x75 mm - 1,7 kg

Beta
Quality Tools

Beta
Quality Tools

1461/C29B

timing devices for Ford petrol engines
engines: 1.0 EcoBoost



1461/C29B

1 014610209

280x245x75 mm - 2,6 kg

1461/C30G

timing devices for Volkswagen/Audi/Seat and Skoda diesel engines
engines: 1.6-2.0 CR TDI
for engines built as from 2012



1461/C30G

1 014610231

280x245x75 mm - 2 kg

1461/C32G

timing devices for Opel diesel engines

Engines: 1.6 CDTi (B16)



1461/C32G

1 014610233

270x230x80 mm - 1,3 kg

1461/C33B

timing devices for Opel petrol engines

Engines: 1.0 - 1.0 Turbo SIDI Ecoflex



1461/C33B

1 014610234

1462CF/C6

set of 6 single-ended bi-hex wrenches for fuel injector connectors

sizes:

12-14-16-17-18-19 mm

12"



1462CF/C6

1 014620006

260x145x60 mm - 1,2 kg

1462CF

single-ended bi-hex wrenches for fuel injector connectors

12"



mm
12
14
16
17
19
18

1 014620012
1 014620014
1 014620016
1 014620017
1 014620019
1 014620018

1462CF-SN/C6

set of 6 single-ended, articulated hexagon wrenches for fuel injector connectors

sizes:

12-14-16-17-18-19

3/8"



1462CF-SN/C6

1 014620026

275x182x64 mm

1462CF-SN

single-ended, articulated hexagon wrenches for fuel injector connectors

3/8"



mm
12
14
16
17
18
19

1 014620032
1 014620034
1 014620036
1 014620037
1 014620038
1 014620039

1462/KD

tool assortment for removing Denso injectors, complete with hammer



1462/KD

1 014620060

335x210x80 mm - 4,8 kg

1462/KI

assortment of common rail diesel injector pullers

Allows DELPHI-BOSCH-SIEMENS-DENSO injectors to be removed



1462/KI

1 014620235

530x470x140 mm - 2,0 kg

1462/KMRC

tool assortment for removing injectors from Mercedes 2.1L, 2.2L, 3.0 V6 and Chrysler engines

For Bosch (2.1 and 2.2L) and Delphi (3.0) injectors injectors can be removed without removing engine.

Particularly suitable for following car models: Mercedes Vito, Vario, CLK, Sprinter, Viano, M, GL, C, GLK, E, CLS, S, R, G Classes Chrysler 300 C



1462/KMRC

1 014620070

310x300x118 mm - 3,5 kg

1462/KU

universal tool assortment for removing diesel common rail injectors

Complete with pliers and hammer



1462/KU

1 014620100

390x290x100 mm - 4,5 kg

1462/MB

hammer face kit for removing injectors

Kit contents:

- 1 4 kg hammer face with 400 mm rod
- 1 articulated adapter, male M10x1.5, female M22x1.5 mm
- 1 adapter, male M22x1.5, female M13x1.4 mm
- 1 adapter, male M14x1.5, female M27x1 mm
- 1 adapter, male M14x1.5, male M25x1 mm
- 1 adapter, male M14x1.5, male M27x1 mm
- 1 adapter, male M14x1.5, female M14x1.5 mm
- 1 adapter, male M14x1.5, male M20x1 mm
- 1 adapter, male M14x1.5, male M17x1 mm



1462/MB

1 014620110

500x250x80 mm - 7,2 kg



1462AD/BSC

adapter for removing
Bosch common rail injectors

For use with items Beta 960KI and Beta 1462/KU



1462AD/BSC

1 014620435

1462AD/SMN

adapter kit for removing
Siemens and Denso injectors

For use with item Beta 960KI/1462KI



1462AD/SMN

1 014620436

1462/EI

universal vibration tool for injector removal

- Helps to fully remove jammed injectors from their housings, without damaging cylinder heads and without breaking injectors.

- Can be used with any injector removal set, with or without hammer face.

- Tool acts directly on removal tie rod, which is coupled with injector, through vibrations and pulses.

- Control valve allows vibration intensity to be adjusted to type of work to be carried out.

CE



1462/EI

1 014620240

1462PIM

injector maintenance
plates, pair
vice locking
sections:
Ø 11-12-13-14-16-19-20 mm



1462PIM

1 014620502

1463/KIT

valve timing system pulley locking kit



1463/KIT

1 014630001

280x140x75 mm - 1,2 kg

1464T

digital pressure and compression tester

SPECIFICATIONS

- 5" touch screen display
- rechargeable polymer lithium battery
- complete with 80 bar sensor (for low pressure) and USB cable



CE

A major advantage of item 1464T is that you can purchase several different additional kits to perform other tests as well, including the high pressure circuit test in common rail engines:

- 1464ADB for testing AdBlue® system pressure
- 1464VD for measuring and storing maximum vacuum value
- 1464FAP for testing diesel particulate filter (DPF) pressure
- 1464APB for testing high pressure system in FSI petrol engines
- 1464PF for testing pressure in braking system
- 1464PT for testing turbo pressure
- 1464TDI for testing pump pressure in TDI engines
- 1464FG Set of dummy regulators for testing diesel common rail system
- 1464CBD Comprehensive adapter set for testing compression in petrol and diesel engines
- 1464IC Set of dummy injectors and dummy glow plugs to check compression in diesel engines
- 960AD/TP2 for petrol and diesel engine compression, engine oil pressure, common rail low pressure, petrol injection pressure

1464T

1 014640050

1464T/SP80

pressure sensor, 80 bars,
for items 1464T and 960TP



1464T/SP80

1 014640053

960AD/TP2

set of adaptors for item 960TP
in plastic case



960AD/TP2

1 009600510

430x310x50 mm - 3,2 kg

1464CBD

comprehensive adapter set for testing
compression in petrol and diesel engines,
with tester 1464T

Makes it possible to connect to engine to test petrol and diesel compression with tester 1464T

Contents:

- 8 dummy spark plugs with non-return valves
- 44 dummy glow plugs with non-return valves
- 1 adjustable universal dummy injector for cars, trucks, marine engines and agricultural machines
- 1 90° adapter, pressure release valve and connecting hose
- space accommodating tester 1464T in case



1464CBD

1 014640300

510x410x140 mm - 5,5 kg

1464IC

complete set of dummy injectors and dummy
glow plugs for item 1464T

Makes it possible to connect to the engine to check compression in diesel engines with digital tester 1464T.

Contents:

- 22 dummy glow plugs
- 5 dummy injectors
- 1 universal dummy injector kit for cars, trucks, marine engines and agricultural machines



1464IC

1 014640350

559x312x50 mm - 4,5 kg

1464IC/RK

universal dummy injector kit for cars, trucks, marine engines and agricultural machines

supplied with item 1464IC



1464IC/RK 1 014640377
200x110x30 mm - 885 g

1464AP

set for testing high pressure system in common rail diesel engines, with item 1464T

Complete with:
- high pressure pipe set
- fittings
- 2,000 bar sensor



1464AP 1 014640450
430x310x50 mm - 1,8 kg

1464APT

high-pressure pipe for items 1464AP and 960TAP



1464AP T12X12 1 014640453
1464AP T12X14 1 014640454
1464AP T14X12-M1,0 1 014640455

1464AP T16X12



1464AP T16X12 1 014640456

1464FG

set of dummy regulators for testing diesel common rail system (for use with Beta 1464T-1464AP)

Used with the tester and suitable adapters, it makes it possible to determine whether the problem is the high pressure pump or the regulator when there is no pressure in the high pressure circuit in common rail engines.
Recommended for Bosch, Delphi, Denso and Siemens pressure regulators



1464FG 1 014640470
350x250x80 mm - 1,8 kg

1464FG/CP4

dummy regulator for Bosch CP4 pump, not supplied with item 1464FG



1464FG/CP4 1 014640475

1464APB

set for testing high pressure system in FSI petrol engines, for use with item 1464T

comes with 200 bar sensor and connectors



1464APB 1 014640500
240x210x50 mm - 0,5 kg

1464PB

set of 9 connectors for testing fuel low pressure (for use with item 1464T)

Quick connectors to tester 1464T allow fuel low pressure in diesel and petrol engines to be quickly checked



1464PB 1 014640700
530x440x120 mm - 3,8 kg

1464ADB

set for testing AdBlue® system pressure for item 1464T

Supplied with adaptors for use with 80-bar standard sensor supplied with item 1464T



1464ADB 1 014640620
240x210x50 mm - 0,5 kg

1464FAP

set for testing diesel particulate filter (DPF) pressure for item 1464T

Supplied with:
- 500 mbar sensor
- 8 mm adaptor with quick coupling and T fitting
- 3-m-long RJ45 cable



Technical data:
• Pressure test: 0+500 mbar
• Resolution: 1 mbar

1464FAP 1 014640610
240x210x50 mm - 0,5 kg

1464PT

set for testing turbo pressure, for use with item 1464T

comes with sensor and connecting cable



1464PT 1 014640550

240x210x50 mm - 380 g

1464TDI

set for testing pump pressure in TDI engines, for use with item 1464T

comes with connector



1464TDI 1 014640600

240x210x50 mm - 400 g

1464VD

vacuum testing set for item 1464T

For measuring and storing maximum vacuum value
Supplied with:
- 800 mbar sensor
- 6 and 8 mm adaptors
- 3-m-long RJ45 cable

Technical data:

- Vacuum test: 0+800 mbar
- Resolution: 1 mbar
- Maximum value storage



1464VD 1 014640570

240x210x50 mm

1464PF

set for testing pressure in braking system, for use with item 1464T

comes with adapters and connectors



1464PF 1 014640650

400x280x60 mm - 3 kg

1465

engine efficiency tester

Allows endothermic engine compression to be tested within just a few seconds, without requiring connection to engine, taking power from vehicle battery, through a dedicated software



Step 1: calculating engine rpm
Step 2: testing battery voltage trend during each revolution
Step 3: displaying absorbed power and compression calculated through starter operation for each piston
Step 4: testing battery charge and efficiency

Technical data:

- Operating voltage: 12V DC (vehicle battery)
- Dimensions: 140x75x30 mm
- Clamp cable length: 1300 mm
- Weight: 215 g

1465 1 014650010

1466/C5

kit of 5 brake bleeding wrenches

- Kit contents:
- 5 wrenches sizes 7-8-9-10-11 mm
 - 1 drain hose with check valve



1466/C5 1 014660100

260x170x50 mm - 600 g

1466L 11

brake bleeding wrench, 11 mm, long version



1466L 11 1 014660211

11 mm 60 mm

1466TLF

brake oil recovery tank capacity: 1.5 l

Quick coupler for bleeding pipe Ø 5.5 mm



1466TLF 1 014660201

1467

brake fluid extractor



Pressure: min 5 bar, max 11.5 bar

1467 1,5 1 014670001

1467/RK1

spare tube kit for item 1467



1467/RK1 1 014670501

1467/RK2

spare filler for item 1467



1467/RK2 1 014670502

1467LF/2

electric instrument for brake fluid replacement

with "pulsating effect" function



- Automatically stops when tank is empty, thereby preventing air from being let in
 - Maximum tank volume: 20 l
 - Operating pressure: 0.4+3.5 bar
 - Power supply: 230V
- Supplied with:
- Brake oil recovery tank
 - 1 standard cap E20

1467LF/2 1 014670099

1467LF/RC

vessel with recovery tube for item 1467LF



1467LF RC 1 014670125

1467TU

plug for brake fluid tanks

- can be adapted to 90% of available tanks
- for use with Beta's item 1467LF



1467TU 1 014670090

1467T/C6

set of adapter plugs for brake fluid tanks, for use with BETA items 1467LF and 1467LF/2

Set contents:

- 1 plug for Toyota vehicles
- 1 plug for Ford, Hyundai, Mazda, Mitsubishi, Nissan, Subaru vehicles
- 1 plug for Honda vehicles
- 1 plug for Mazda and Suzuki vehicles
- 1 plug for Nissan vehicles
- 1 brake bleeding adapter plug for European vehicles

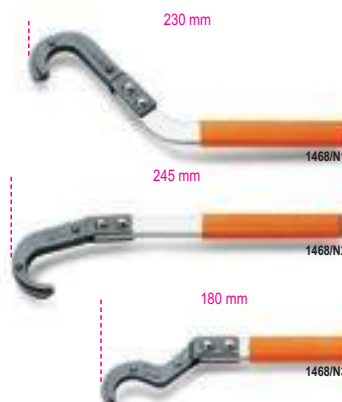


1467T/C6 1 014670080

350x240x85 mm - 1,8 kg

1468N

valve depressors for disc removal



1468N/1 1 014680011
 1468N/2 1 014680012
 1468N/3 1 014680013

1470

drum brake spring pliers

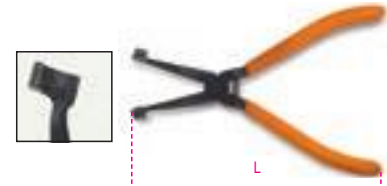


L mm
 210 1 014700001
 330 1 014700002
 540 1 014700010

1470FT

drum brake shoe spring clamp pliers

40° angled noses
Easy access to awkward spaces



L mm
 184 1 014700000

1470PF

tool for replacing cylinders in drum brakes

jaws remain open, for easy cylinder replacement



A mm
 25÷140 1 014700200

1471

drum brake spring pliers



L mm
 330 1 014710001

1471A

handbrake wire pliers



A max mm B mm
 45 5 2 014710010

1471GF

mouldable hooks for supporting brake calipers while replacing pads, pair



1471GF Max kg 5 1 014710310

1471M/C22

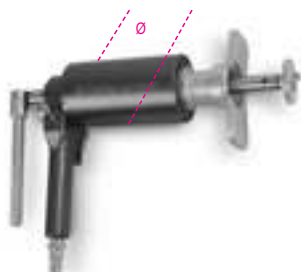
pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories



1471M/C22 1 014710101
350x310x85 mm - 3,5 kg

1471M/50

pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories



Ø mm 50 Kg 150 Bar 5÷8 1 014710069

1471M/P

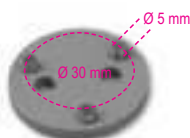
worn pad and TRW-Mégane caliper adapters



1471M/P 1 014710080

1471M/W50

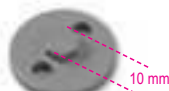
VW Passat handbrake adapter (≥ 2005)



1471M/W50 1 014710079

1471PN/B1

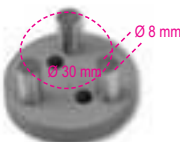
Ford handbrake adapter



1471PN/B1 1 014710081

1471PN/B2

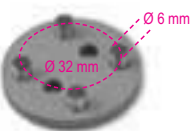
Daily handbrake adapter



1471PN/B2 1 014710082

1471PN/B3

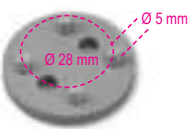
BMW handbrake adapter



1471PN/B3 1 014710083

1471PN/B4

BMW handbrake adapter



1471PN/B4 1 014710084

1471PN/B5

Mini/ BMW handbrake adapter



1471PN/B5 1 014710085

1471CF

pentagon hand sockets for brake caliper nuts



mm 14 1 014710314
19 1 014710319

1471CM

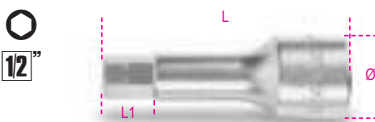
pentagon socket driver for brake caliper screws



mm 10 1 014710360

1471CM/E11

hexagon socket driver, 11 mm, for Mercedes ML brake caliper screws (series 166)



mm 11 Ø mm 24 L mm 75 L1 mm 15,5 1 014710361

1471PT/C5

impact socket kit for brake calipers nuts

for cars of Volkswagen, Audi & Porsche group
• 3 10-tooth sockets: 11.5 mm - 15 mm - 20 mm
• 2 7-tooth socket: Ø 14 mm - 22 mm



1471PT/C5 1 014710367

1471D2

tool for pushing back front disc brake pistons, with closed callipers

Two pairs of plates for working on 2 and 4 piston callipers



mm 10 1 014710301

250x170x60 mm 1,5 kg

1471T/C5

5 slugging wrenches for truck brake calipers

can be used with torque wrenches for tightening operations

included sizes:

- female Torx wrenches E18, E20, E24
- ring wrenches M24, M26



1471T/C5 1 014710400

275x220x60 mm - 3,1 kg

1472

hose clamp pliers



1472 1 014720001

1472AU

automatic hose clamp pliers



mm 18+53 1 014720100

1472R/AU

spare tips for pliers 1472AU



1472AU/R 1 014720101

1472AU/P

automatic hose ring pliers with extension



mm 18+54 mm 630 1 014720105

1472AU/RP

spare cable for pliers 1472AU/P



1472AUP/R 1 014720106

1472B/RNLT

double head socket, specially designed for suction hose clamps installed on Renault group engines



1472B/RNLT 1 014720250

1472FC

Clic® collar pliers with swivel heads



1472FC 1 014720090

1472FC/GE

heavy-duty Clic® collar pliers

particularly suitable for large-size clippers



L mm 230 1 014720093

1472FC/L

Clic® collar pliers with flexible extension



L mm 630 1 014720095

1472FCL/RP

spare cable for pliers 1472FC/L



1472FCL/RP 1 014720096

1472FCA

collar removal pliers with Visa® type rack



1472FCA 1 014720041

1472H

Henn clamp removal tool



L
mm
1472H 100 1 014720000

1472MT/VW

pair of claws for disconnecting suction manifolds in VAG cars

Can be used on turbocharged petrol engines 1.0 - 1.2 - 1.4



1472MT/VW 1 014720500

1472TM

quick coupler pliers for multijet filters



230 mm
1472TM 1 014720200

1472VW

hose clamp pliers, with swivel heads
For Volkswagen and Mercedes cars



200 mm
1472VW 1 014720051

1473

OETIKER® collar pliers



275 mm
1473 275 1 014730001

1473A

slotholder pliers for OETIKER® collars



230 mm
1473A 1 014730010

1473P

clamp pliers for OETIKER® low-profile collars



A Max
mm
210 mm
1473P 53 1 014730020

1473FN

tool for tightening and cutting strap ties made of stainless steel

For use with Panduit® ties and the like



A mm
4,7÷9,5
1473FN 1 014730501

1473T

steel collar cutting nippers

allows collars to be cut without risking damaging guards, sleeves etc.



A Max
mm
14
L
mm
220
1473T 1 014730582

1474/C4

kit of 4 tools for removing Volkswagen spark plug coils



1474/C4 1 014740100

290x190x50 mm - 1 kg

1474E/VW

expansion puller for ignition coils, Volkswagen group



1474E/VW 1 014740120

1474E/VW2

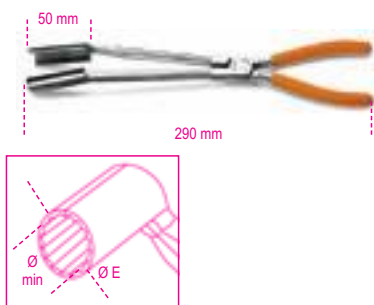
ignition coil puller, for VAG group vehicles
for use on engines 1.0 - 1.2 - 1.4 - 2.0



1474E/VW2 1 014740150

1474L

spark-plug pliers, curved long nose, 15°



Ø min mm	Ø E mm	1 014740010
14	20	

1474DL

spark-plug pliers, long nose, double layer PVC coated handles



1474DL	1 014740015
--------	-------------

1474G

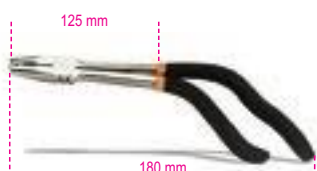
curved long nose pliers for removing glow plug caps



1474G	1 014740200
-------	-------------

1475U

combination pliers, bright chrome-plated, double layer PVC coated gun handles



1475U	1 014750010
-------	-------------

1476

adjustable self-locking pliers for exhaust pipe cutting



Ø min mm	Ø max mm	L mm	1 014760002
19	75	225	

1476/RC

spare chain for item 1476



1476/RC	1 014760012
---------	-------------

1476A

pliers for exhaust pipe cutting



Ø min mm	Ø max mm	1 014760005
30	95	

1476A/RC

spare chain for item 1476A



1476A/RC	1 014760015
----------	-------------

1476C/1

exhaust pipe expanders



1476C/1	1 014760101
Ø 30=42 mm	
L = 131 mm	
L1 = 51 mm	

1476GT

pliers for removing rubber supports from exhaust pipes



L mm	A Max mm	3 mm	1 014760050
280	58		

1476PSA

exhaust collar pliers with pin, PSA group
Nose shape and automatic rack locking make it possible to work without pulling out pin



L mm	A Max mm	S mm	1 014760060
309	60	12,2	

1476T

wrench for removing/installing turbines on Volkswagen Audi diesel engines



mm	1 014760200
12	

1477/C10

bent wrench with 9 bits for belt tightening nuts

1 bent wrench with bit drive
4 double bi-hex bits: 12x14 - 13x15 - 16x17 - 18x19 mm
5 bits for Torx(R) head screws: E10 - E12 - E14 - E16 - E18



1477/C10	1 014770310
530x110x55 mm	

1477D

ring wrenches for belt tightening nuts



mm	
13	1 014770113
15	1 014770115
16	1 014770116
17	1 014770117
19	1 014770119

1477D/S5

set of 5 ring wrenches for belt tightening nuts



1477D/S5	1 014770200
13-15-16-17-19 mm	
600x200x70 mm - 2,2 kg	

1477K/7

kit with bent reversible ratcheting wrench and bits



- 2 TORX T40-T45 bits
- 1 XZN 10 bit
- 1 hexagon bit, 8 mm
- 3 bi-hex bits, 10-12-13 mm

1477K/7	1 014770051
L 250 mm	

1478

pin removing pliers



1478	1 014780001
------	-------------

1478NSS

plastic pin removal pliers with 3 release points



L 180 mm	1 014780163
----------	-------------

1478T

plastic pin removable pliers with swivel head and pressure clips

Head can be rotated 90°



1478T	1 014780101
S 4,5 mm	

1478/3P

plastic pin removal pliers with 3 release points



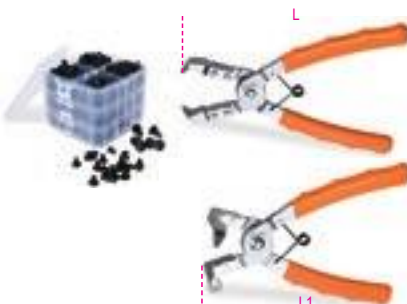
1478/3P	1 014780151
---------	-------------

1478/K3

pin removing pliers kit with plastic clips assortment

kit contents:

- flat nose pliers (1 pc.)
- 90° bent nose pliers (1 pc.)
- 625 plastic clips in 16 different sizes
- clips in 3 stackable PPL containers



1478/K3	1 014780160
L 180 mm, L1 170 mm	

1479

trim pin remover



1479	2 014790001
------	-------------

1479/B27

kit of 27 nylon tools for removing pins and working on plastics and seals, hangle



1479/B27	1 014790407
----------	-------------

1479LB/C5

kit of 5 metal trim pin removers



1479LB/C5	1 014790150
-----------	-------------

215x165x50 mm

1479L/S2

multipurpose wrecking bars, pair, made of Teflon®



1479L/S2	1 014790510
----------	-------------

1479LV/S3

kit of 3 multipurpose wrecking bars, made of metal

sizes:

- 1479LV/1: 10x12 mm
- 1479LV/2: 4.8x9.6 mm
- 1479LV/3: 2.8x6 mm



1479LV/S3

1 014790100

1479L/K4

4 wrecking bars for jobs on dashboards and delicate parts



1479L/K4

1 014790604

1479ML/B17

kit of 17 multipurpose wrecking bars, made of plastic

particularly recommended for precision jobs



1479ML/B17

1 014790700

1479ML/S3

kit of 3 multipurpose wrecking bars, made of plastic

Particularly recommended for precision jobs



1479ML/S3

1 014790603

1479N/S5

kit of 5 nylon trim pin removers



1479N/S5

1 014790251

1479RB/1

straight putty knife scraper



1479RB/1

1 014790315

1479RB/2

bent putty knife scraper



1479RB/2

1 014790320

1479RB/3

flat putty knife scraper



1479RB/3

1 014790310

1479U/13

putty knife scrapers



1479U/13

2 014790010

1479U/32

trim pin remover, stainless steel blade



1479U/32

2 014790015

1480

Kit for filling diesel oil filters of cars without electric pumps

- Also for use with tyre inflators

Kit contents:

- GM quick couplings
- Renault, GM, Fiat quick couplings, inside Ø 6 mm
- Renault, GM, Fiat quick couplings, inside Ø 7 mm
- Ford quick couplings
- PSA quick couplings, inside Ø 6 mm
- PSA quick couplings, inside Ø 7 mm
- Ford quick couplings
- 2 cone-shaped adapters for cars without quick couplings



1480

1 014800010

410x320x70 mm

1481/C12

Kit of 6 pairs of hose pliers

Kit contents:

- 2 different pairs of pliers size 1/4"
- 2 different pairs of pliers size 3/8"
- 2 different pairs of pliers size 5/16"
- 3 pairs of rubber caps



1481/C12

1 014810312

370x270x59 mm

1481K/S4

kit of 4 self-locking terminals for line obstruction

sizes:
5/16" - 3/8" - 1/2" and loop

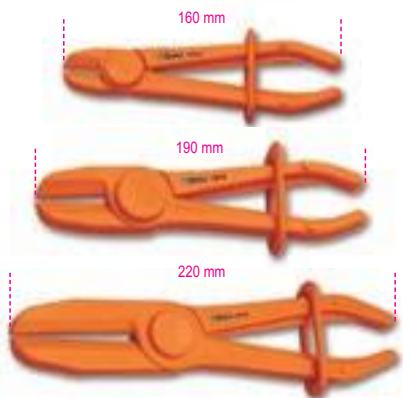


1481K/S4

1 014810400

1481PL/A

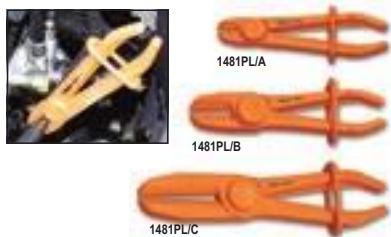
plastic hose pliers



	∅ mm		
1481PL/A	8÷15	3	014810110
1481PL/B	15÷25	3	014810120
1481PL/C	25÷45	3	014810130

1481PL/S3

set of 3 plastic hose pliers



1481PL/S3		1	014810200
1481PL-A	∅ 8÷15 mm		
1481PL-B	∅ 15÷25 mm		
1481PL-C	∅ 25÷45 mm		

1481T/C12

set of fuel line plugs

3 pairs of plugs with male/female quick couplers for closing fuel lines



1481T/C12

1 014810212

275x220x45 mm - 540 g

1482

adjustable self-locking wrench for tank floating ring nuts



	∅ mm		
1482	89÷170	1	014820001
	89÷200	1	014820002

1482A/1

3-leg wrench for floating ring nuts, tank with aluminium ring nut

For operating on aluminium ring nut installed on Fiat, Volkswagen, Opel, Chevrolet, Mercedes and BMW cars since 2011



	∅ mm		
1482A/1	185	1	014820005

1482A/3

wrench for tank floating ring nuts, PSA group

So designed as to make it possible to operate on decentralized axis by removing ring nut, without damaging delicate fuel line



	∅ mm		
1482A/3	157	1	014820007

1482A/5

wrench for tank floating ring nuts, 22 sectors

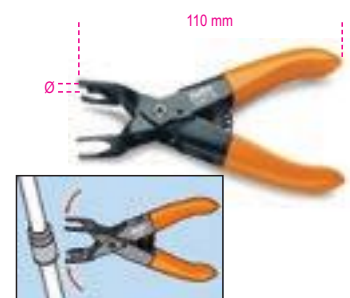
for use on plastic ring nuts in VAG group cars



	∅ mm		
1482A/5	180	1	014820015

1482/8 - 1482/10

quick coupler pliers for fuel pipes



	∅ mm		
1482/8	8	2	014820008
1482/10	10	2	014820010

1482B

quick coupler pliers for fuel pipes



1482B	185	1	014820021

1482SN

quick coupler swivel pliers for fuel pipes, with articulated jaws



	L mm		
1482SN	260	1	014820110



1482C

wedges (2 pairs) for releasing diesel fuel filter fittings, Fiat, Volkswagen, Jeep, Chrysler and Volvo groups

Quick filter replacement without irreparably damaging fittings



1482C

1 014820022

1482D

quick coupler pliers for fuel pipes, with flexible extension



1482D

1 014820026

1483K/12

kit for removing valves from air-conditioning system with set of five-star head bits

Kit contents:

- 2 female octagon sockets, Ø 12 and 15 mm, for high-pressure valves
- 2 male open end sockets, section 2.2 and 3.2 mm, for throttle valves
- 1 set of five-star head bits: PT10, PT15, PT20, PT25, PT27, PT30, PT40



1/4"



1483K/12

1 014830012

120x80x35 mm

1483KV-PT/S7

set of five-star head bits

Included sizes:

PT10 - PT15 - PT20 - PT25 - PT27 - PT30 - PT40



1/4"



1483KV PT/S7

1 014830117

1483K/22

kit for separating couplers on air-conditioning, fuel supply and lubrication systems



1483K/22

1 014830022

300x230x55 mm - 1 kg

1484

set of 2 tools for removing and installing stretch belts

Allows stretch belt to be quickly removed and correctly installed, without risking damaging it



1484

1 014840010

1484PSA

tool for installing water pump stretch belt without belt tightener

for use for PSA and Opel group vehicles engines 1.0 - 1.2



1484PSA

1 014840012

1485BP

half-moon tool for locking toothed pulleys

can be adjusted through swivel handle; tightens and locks pulley from outside, preventing neighbouring sensors from getting damaged



A Max mm

130

1 014850000

1485BPM

half-moon tool with aluminium jaws for locking multi-groove pulleys

can be adjusted through swivel handle; tightens and locks pulley from outside, preventing neighbouring sensors from getting damaged



A Max mm

180

1 014850002

1485FCA/K2

tools for pre-loading timing belt bearings, pair, FCA group

recommended for 1.2, 1.4 8/16 V and 1.4 Multiair engines

- 1 175-mm-long tool with 13.5-mm-deep push rods
- 1 305-mm-long articulated tool with 13.5-mm-deep push rods



1485FCA/K2

1 014850220

1485FCA/T

timing belt tensioner, long series, with 13.5 mm inserts



L mm

175

P mm

13,3

1 014850210

1485FCA/TS

timing belt tensioner, articulated, with 13.5 mm inserts



L mm

305

P mm

13,5

1 014850215

1485FRD/T

tensioning lever for service belts mounted on Ford engines

can be used to remove alternator pulleys



L mm

450

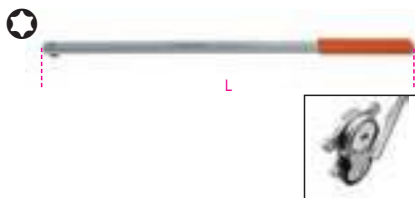
Q mm

12,80

1 014850310

1485MRC/T

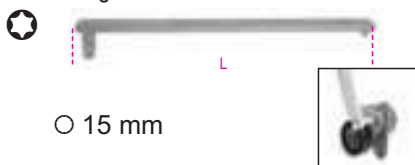
tensioning lever for service belts mounted on Mercedes engines
for use with M133 - M270 engines



L mm 510
T55
1 014850315

1485VLV/T

tensioning lever for service belts mounted on Volvo engines



Ø 15 mm

L mm 420
T50-T60
Ø mm 15
1 014850320

1485TC

tensioning lever for service belts, mounted on Ford, PSA, FCA engines



L mm 475
1 014850330

1485/KIT

kit for controlling cam belt tension



1485/KIT
1 014850100
230x140x75 mm - 580 g

1485MJ

camshaft locking tool,
for 1.3 16V Multijet engines

2 3-form heads for working on all 1.3 16V Multijet engines of FCA, Opel, Ford and Suzuki group vehicles



L mm 500
1 014850150

1485PMTJ

driving shaft pulley release lever for Multijet engines

so designed as to lock driving shaft while removing pulley



L mm 450
1 014850190

1485R

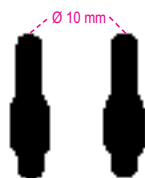
universal tool for rotating camshaft pulleys made from forged steel with 2 pairs of tips



Ø mm 30÷120
Ø1 mm 10 - 17
L mm 500
1 014850025

1485R/P10

pairs of inserts



1485R/P10
1 014850035

1485R/P17

pairs of inserts



1485R/P17
1 014850038

1485VAG/K2

tools for pre-loading timing belt bearings, pair

- 3-position swivel head
- 1 tool with 12.5-mm-deep head
- 1 tool with 21.5-mm-deep head



1485VAG/K2
1 014850080

1485VAG

tools for pre-loading timing belt bearings

- 3-position swivel head



L mm 190
P mm 12,5
1485VAG/12,5 1 014850062
L mm 195
P mm 21,5
1485VAG/21,5 1 014850071

1486/10

wrench for natural gas cylinder valves

- VW group cars since 2008
- Panda from 2004 to 2012
- Grande Punto from 2005 to 2012
- Ducato since 2010
- new Doblo and Combo
- Cubo and Fiorino



Ø 36 mm

1486/10
1 014860110

Beta


1486/20

wrench for natural gas cylinder valves

- Multipla
- Ducato 1st and 2nd series until 2010
- Berlingo and Ranch
- C3 with iron cylinders
- Punto from 1999 to 2010
- Doblò 1st series
- Daily and Iveco group
- Dr5



36 mm

1486/20  1 014860120


1486/30

wrench for natural gas cylinder valves

- Zafira 2nd series
- Combo 1st series



36 mm

1486/30  1 014860130


1486/40

wrench for natural gas cylinder valves

- Touran 1st series



36 mm

1486/40  1 014860140


1486/50

wrench for natural gas cylinder valves

- Panda since 2012
- New Ypsilon



36 mm

1486/50  1 014860150


1486/60

wrench for natural gas cylinder valves

- C4 Picasso
- BRC systems



36 mm

1486/60  1 014860160

1486/70

wrenches for natural gas cylinder valves, pair

- C3 with composite cylinders



36 mm

1486/70  1 014860170


1486/80

wrench for natural gas cylinder valves

- B-Class
- Zafira 3rd series



36 mm

1486/80  1 014860180


1486/90

wrench for natural gas cylinder valves

- Zafira 1st series
- Kangoo 1st series
- Sprinter



36 mm

1486/90  1 014860190

1487/K2

2 sockets for radiator drain plugs



17 mm

1487/K2  1 014870100

1488 - 1488L

oil-filter wrench with double chain




	∅ mm	
1488	60÷110	1 014880001
1488L	60÷160	1 014880050

1488/1

oil-filter wrench with thin double chain



	∅ mm	
1488/1	60÷110	1 014880010

1488R...

spare chain



	1488	350	
1488RC	1488	350	1 014880101
1488R/L	1488/L	520	1 014880150
1488RC/1	1488/1		1 014880110

1489/31T

alternator pulley free wheel wrench



T50	15	31	
			1 014890016

1489/33

alternator pulley free wheel wrench



33	
1489/33	1 014890010

1489/33P

alternator pulley free wheel wrench,
for new Bosch FIAT Grande Punto alternators



12" 1 014890015

1489/E

alternator pulley
free wheel wrench



mm 1 014890025

1489R

alternator pulley free wheel wrench



1489/R 1 014890020

1489/Y

alternator pulley free wheel wrench,
for Nippondenso alternators



mm 1 014890040

1489/C14

assortment of 14 tools for free alternator
pulleys



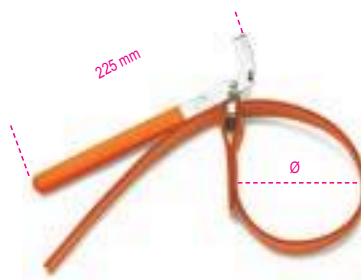
1489/C14 1 014890100

- 867PE 8 mm
- 867PE/L 8 mm
- 867XZN/L M10
- 867TX/L T50
- 867/2 □1/2"
- 920B 10 mm
- 1489/33
- 1489/33P M10
- 1489R
- 1489/Y
- 1489/31T T50
- 1489/E 10 mm
- 188 10 mm
- 188 15 mm

420x250x45 mm - 1,9 kg

1490

strap wrenches for oil filters



mm 1 014900001
1 014900002

1490/R1 - 1490/R2

spare fabric straps for item 1490



mm 1 014900101
1 014900102

1490F

strap wrenches for filters



Ø Max mm 1 014900201

1491

adjustable oil filter wrench



Ø mm 2 014910001

1491R

spare metal band for item 1491



1491R 10 014910010

1491A

adjustable oil filter pliers

Precision adjustment through rack



L mm 1 014910050
Ø min - Max mm 55 ÷ 140

1491T

adjustable truck oil filter pliers

Precision adjustment through rack
For use with drier filters



L mm 1 014910050
Ø min - Max mm 70+200



1492/1 - 1492/2

adjustable oil filter wrenches



	Ø mm		
1492/1	60÷80	1	014920001
1492/2	80÷110	1	014920002

1492T

drier filter wrenches



	Ø mm	H mm	
1492T 40	125÷145	40	1 014920540
1492T 75	120÷140	75	1 014920575

1493B

bi-hex wrenches
for hard-to-reach oil filter cartridges



mm	± mm	
24	8	1 014930524
27	8	1 014930527
32	8	1 014930532
36	8	1 014930536
38	8	1 014930538

1493B/S5

set of 5 bi-hex wrenches
for hard-to-reach oil filter cartridges

sizes:
24-27-32-36-38 mm



1493B/S5	1	014930599
----------	---	-----------

1493

oil filter wrench



Ø mm	N	
65	14	1 014930200
68	14	1 014930206
73	14	1 014930208
74	14	1 014930209
74	15	1 014930210
75-77	15	1 014930212
76	8	1 014930214
76	14	1 014930218
76-74	15	1 014930220
78	15	1 014930224
80	15	1 014930226
82-80	15	1 014930228
86	16	1 014930230
90	15	1 014930234
92	10	1 014930236
93	15	1 014930238
95	15	1 014930244
100	15	1 014930248
106	15	1 014930250
108	15	1 014930252
135	18	1 014930256

1493/PF

Purflux® oil-filter wrenches



Ø mm	N	
66	6	1 014930202
76	12	1 014930216
76	30	1 014930222
86	18	1 014930232
93	36	1 014930240
93	45	1 014930242
96	18	1 014930246
108	18	1 014930254



1493/C30

set of 28 oil filter wrenches



Sizes included in kit (Ø mm / n°. of sides)
1493:
65/14 - 67/14 - 68/14 - 73/14 - 74/15
76/15 - 75.77/15 - 76/14 - 76/8 - 78/15 - 80/15
82/15 - 86/16 - 90/15 - 92/10 - 93/15 - 95/15
100/15 - 106/15 - 108/15

1493PF (Purflux)
66/6 - 76/12 - 76/30 - 86/18
93/36 - 93/45 - 96/18 - 108/18

- Includes 1 adjustable oil filter wrench
Ø 65÷120 mm

1493/C30	1	014930000
----------	---	-----------

530x400x110 mm - 4 kg

1493AL

oil filter wrenches

N= number of sides



Ø mm	N	●	□	
64	14	27	1/2"	1 014930310
66,5	14	27	1/2"	1 014930315
74	14	27	1/2"	1 014930320
79	15	27	3/8"	1 014930325
84	14	27	3/8"	1 014930330
87	16	27	1/2"	1 014930335
92	15	27	3/8"	1 014930340
94,5	15	27	3/8"	1 014930345
100,5	15	27	3/8"	1 014930350

1493AL 4S

oil filter wrenches
for Asian cars
4-hook profile



Ø1 mm	Ø2 mm	
70	64,5	27 1 014930304
80	64,5	27 1 014930305

1493AL CF

hexagon socket wrenches for oil filter cartridges



Ø mm	H mm	•	1	014930424
24	34	27	1	014930424
27	34	27	1	014930427
30	34	27	1	014930430
32,5	34	27	1	014930432
36	34	27	1	014930436
38	34	27	1	014930438

1493/C19

set of 18 oil filter wrenches, particularly suitable for Asian cars

Ø mm	N°. of sides
63-64	14
66.5	14
74	14
79	15
84	14
87	16
92	15
94.5	15
100.5	15
64.5	14 hook wrench for Toyota cars
64.5	14 hook wrench for Lexus cars
6 hexagon sockets, sizes 24-27-30-32.5-36-38 mm, for filter cartridges	
Kit includes 1 universal adjustable wrench Ø 58+93 mm	



1493/C19 1 014930019
490x450x60 mm - 4 kg

1493DSG

wrench for removing/installing DSG oil filter



Ø mm 24 1 014930800

1493FF

wrench for removing/installing plastic seats of Ford Peugeot Citroën oil filters engines: TDCi-HDi

Allows plastic seat to be correctly tightened at 25 Nm by means of a torque wrench



Ø mm 27 1 014930127

1493FT

wrench for Ford Transit Diesel oil filters

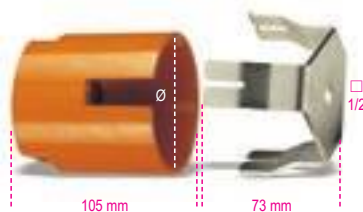
Can be used for all Transit, Transit Custom and Tourneo Custom versions manufactured since 2012



Ø mm 115 1 014930085

1493J

wrench for MultiJet



Ø mm 90 1 014930080

1493VW

diesel oil filter wrench, for VAG and Volvo cars



Ø mm 82,5 1 014930086

1493HK

diesel oil filter wrench for Hyundai Kia, 15-sided



1493HK 1 014930087

1493/C7

self-adjusting oil filter wrench with three arms for right- and left-hand tightening, with interchangeable arms

antislip diamond finish

2 sets of arms:

- 1 set with 20 mm working length
- 1 set with 38 mm working length



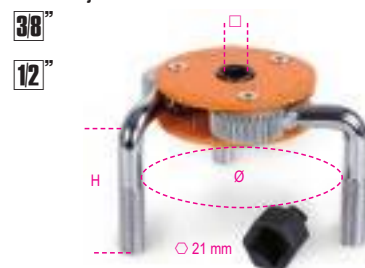
1493/C7 Ø mm 50÷100 Ø mm 16 1 014930079

210x150x50 mm

1493H

self-adjusting oil filter wrench with 3 arms, for right and left hand tightening

Knurled jaws

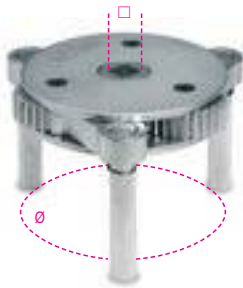


1493H Ø mm 72÷127 H mm 62 1 014930077



1493/S-U

self-adjusting oil filter wrench with 3 arms, for right and left hand tightening



	□	∅	mm		
1493/S	3/8-1/2	80-115		1	014930074
1493/U	1/2	105-165		1	014930076

1493X

self-locking oil filter wrenches, for left-hand tightening

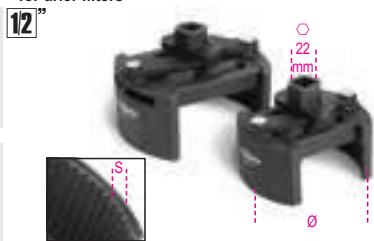


	∅	±	mm	mm		
1493X/1	60+80	2,9			1	014930105
1493X/2	80+98	2,9			1	014930110

1493Y

self-locking oil filter wrenches, for right- and left-hand tightening, heavy-duty version

item 1493Y/2 can also be used for drier filters



	∅	±	mm	mm		
1493Y/1	80+110	7,3			1	014930120
1493Y/2	104+145	7,3			1	014930122

1493C/ADB

socket for opening AdBlue® caps, for PSA group vehicles



1493C/ADB					1	014930900
-----------	--	--	--	--	---	-----------

1493U/ADB

socket for opening AdBlue® drain plugs



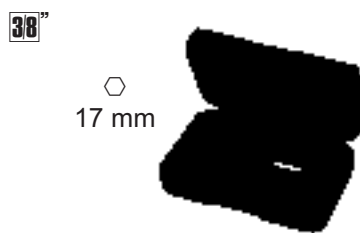
1493U/ADB					1	014930910
-----------	--	--	--	--	---	-----------

1494T/C5

set of special sockets for plastic oil drain plugs

Set contents:

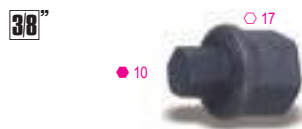
- 1 socket for VAG group oil drain plugs
- 1 socket for BMW oil drain plugs
- 1 socket for PSA and Ford group oil drain plugs
- 1 socket for Mercedes oil drain plugs
- 1 "T"-handle wrench



1494T/C5					1	014940350
			173x125x50 mm			360 g

1494BMW

special socket for plastic oil drain plugs, for BMW engines



1494BMW					1	014940315
---------	--	--	--	--	---	-----------

1494FPC

special socket for plastic oil drain plugs, for Ford, Peugeot and Citroën engines



1494FPC					1	014940320
---------	--	--	--	--	---	-----------

1494VW

special socket for plastic oil drain plugs, Volkswagen engines

Allows plastic plug to be removed and installed from oil sump. Specially designed for Volkswagen cars with TFSI and TDI engines



1494VW					1	014940305
--------	--	--	--	--	---	-----------

1494MRC

special socket for plastic oil drain plugs, for Mercedes engines



1494MRC					1	014940325
---------	--	--	--	--	---	-----------

1494MAN

special socket for plastic oil drain plugs, for DAF and MAN engines



1494MAN					1	014940330
---------	--	--	--	--	---	-----------

1494

square oil drain plug socket



mm					1	014940280
10						

1494E

male hexagon oil drain plug sockets



mm					1	014940208
8						
9					1	014940209
10					1	014940210
11					1	014940211
12					1	014940212
14					1	014940214
17					1	014940217

1494Q

male square oil drain plug sockets

12"



mm	
8	1 014940258
9,5	1 014940259
12	1 014940262
13	1 014940263

1494T

male triangular oil drain plug socket

12"



mm	
9,5	1 014940289

1494XZN

male oil drain plug socket with XZN® profile

12"



M	
16	1 014940296

1494VW/K

engine oil replacement kit, for VAG cars



Kit contents:
 • 1 special socket for plastic oil drain plugs
 • 6 plastic oil sump plugs

1494VW/K	1 014940310
----------	-------------

1494VW/KT

kit of 6 plastic caps for item 1494VW/K



1494VW/KT	1 014940311
-----------	-------------

1494/C14A

assortment of 14 oil change tools

12"



1494/C14A	1 014940150
-----------	-------------

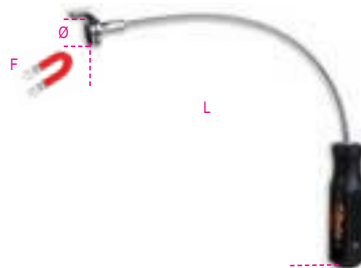
- 1494E 8-9-10-11-12-14-17
- 1494Q 8-9,5(3/8")-12-13
- 1494 10
- △ 1494T 9,5(3/8")
- 1494XZN M16

380x305x40 mm - 1,7 kg

1494M

tool for hexagon oil drain plugs, magnetic, flexible

Allows plug to be unscrewed without risking getting burnt or dirty



L	F	Ø	
mm	kg	mm	
293	2,5	19	1 014940401

1495/C6

assortment of tools for repairing oil sump threads



- Damaged thread is removed by screw tap and enlarged by one size
 - Allows repairs and avoids replacing oil sump
- Contents:
- 1 screw tap M13x1.25 + 6 screws + 12 washers
 - 1 screw tap M13x1.5 + 6 screws + 12 washers
 - 1 screw tap M15x1.5 + 6 screws + 12 washers
 - 1 screw tap M17x1.5 + 6 screws + 12 washers
 - 1 screw tap M20x1.5 + 6 screws + 12 washers
 - 1 screw tap M22x1.5 + 6 screws + 12 washers

1495/C6	1 014950500
---------	-------------

420x185x60 mm - 2,1 kg

1495M

screw tap for oil drain plug threads



M	
13x1,25	1 014950553
13x1,50	1 014950563
15x1,50	1 014950565
17x1,50	1 014950567
20x1,50	1 014950570
22x1,50	1 014950572

1495T

kit with 6 oil drain plugs and washers



M	
13x1,25	1 014950503
13x1,50	1 014950513
15x1,50	1 014950515
17x1,50	1 014950517
20x1,50	1 014950520
22x1,50	1 014950522

1496/C

oil plug wrench



8 x 10 mm	3 014960010
-----------	-------------

1497D

relay removal pliers, straight pattern



A	
min+Max	
mm	
1497D	1 014970150

1497BS

relay and fuse removal pliers, straight, thin pattern

the long, extremely thin noses allow the relay and fuse to be removed from small areas



L	L1	A	
mm	mm	mm	
230	45	14	1 014970190

1497P

relay removal pliers, bent pattern, 60°



A	
min+Max	
mm	
15÷50	1 014970160

1497SS

self-locking pliers for soldering tinned wires

Upper clips allow soldering wires to be clamped and brought close to each other.

Built-in rack allows wires to be placed in 6 different positions



L	A	
mm	min+Max	
mm	mm	
245	14÷70	1 014970195

1497TE

pliers for disconnecting electrical connectors

the extremely thin noses allow the clips to be released without damaging the connectors



L	A	Ø	
mm	Max	mm	
215	63	4	1 014970180

1497/C23

assortment of 23 tools for releasing electrical connectors



1497/C23	1 014970200
----------	-------------

440x250x70 mm - 1,7 kg

1497/C94

assortment of 94 car testing connectors for use with main diagnostic tools

- 2 t-taps
- 2 potentiometers
- 2 warning lights
- 2 SRS connectors
- 2 alligator clips
- 2 acicular probes
- 2 prods
- 2 dual banana connectors
- 4 single banana connectors
- 24 flat male terminals 0.6÷6 mm
- 12 round male terminals 1.6÷3.9 mm
- 24 flat female terminals 0.6÷6 mm
- 12 round female terminals 1.6÷3.9 mm



1497/C94	1 014970300
----------	-------------

430x390x100 mm - 3 kg

1497RC

t-taps, pair

- cable section: 1.5÷3.5 mm
- voltage: 0÷330V
- max. current: 5A



1497RC	1 014970351
--------	-------------

1497KB/S3

3 tool kit for removing Knorr and Bremse electrical connectors

- 1 tool for bayonet connectors
- 1 single head tool for 2-pole connectors
- 1 double head tool for 4- or 6- and 12-pole connectors



1497KB/S3	1 014970050
-----------	-------------

1497/S3

set of 3 cables for electrical signal detection

- 1 straight pc.
- 1 45° pc.
- 1 90° pc.

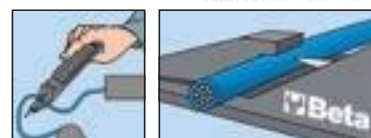


1497/S3	1 014970400
---------	-------------

1498

voltage tester

CE



3÷48V	2 014980100
-------	-------------

VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

Diagnostics	items 1438 to 1499 items 1758VT to 1760TMC
Engine	items 955 to 989A items 1438 to 1499
Oil and filters	items 1438 to 1499 items 1877 to 1885
Electric system	items 1438 to 1499
Starters	items 1498BC/12 to 1498/40A
Transmission	items 1438 to 1499
Suspension	items 1549 to 1569CP
Brakes	items 1438 to 1499
Wheels	items 955 to 989A
Body work	items 1302 to 1369 items 1763 to 1767A
Other equipment	items 1878 to 3067
Jacks	items 3029/2T to 3067/70-13T



1498BC/12

multipurpose portable starter, 12V

Technical data:

- Starting current: 600A
- Pickup current: 1500A
- Battery type: 4 cells, LifePo4
- Battery capacity: 25000mAh
- Device protecting against polarity reversal, short-circuit, overcurrent, overcharge and overheating



CE



Supplied with:

- Protective case
- Cable with starting clamps
- USB ports for charging electronic devices
- LED battery charge indicator
- USB and USB-C cable
- Mains power supply
- Multifunction LED torch

L P H
mm mm mm

1498BC/12 225 100 40 1 014980040

1498MN/12-C

booster cable with clamps for item 1498BC/12



1498MN/12-C 1 014980005

1498MN/12-R

mains power supplies for mini starter 1498BC/12



1498MN/12-R 1 014980003

1498MN/12-P

car socket power supply for mini starters 1498BC/12



1498MN/12-P 1 014980004

1498MN/12-U

USB cables with universal U adapters



1498MN/12-U 1 014980009

1498LT/12

portable high-performance starter, ultralightweight

CE



Technical Data:

- Operating voltage: 12 V
- Continuous amperage: 800 A
- Maximum pickup amperage: 2000 A
- Peak amperage: 4000 A
- Cable length: 500 mm
- Battery type: 4-cell LifePo4
- Memory saving function: YES
- Dimensions: 260 x 135 x 72 mm
- Net weight: 2.5 kg
- Complete with charging power supply 12 V 1.3A

1498LT/12 1 014980012

1498LT/12-SF

wall fixing bracket for starter 1498LT/12



1498LT/12-SF 1 014980013

1498LT/12-R7

mains power supply for starter 1498LT/12



1498LT/12-R7 1 014980057

1498LT/12-24

portable high-performance starter, 12-24 V, ultralightweight,

suitable for use on cars, commercial vehicles and trucks



The microprocessor provides total protection against:

- polarity reversal
- short circuits
- incorrect voltage
- overloads
- underdischarge
- overcharge
- overtemperature

Technical data:

- operating voltage: 12/24V
- continuous amperage: 2000/1000 A
- maximum starting amperage: 5000/2500 A
- peak amperage: 10000/5000 A
- clamp amperage: 1000 A
- cable length: 160 cm
- cable section: 25mm²
- automatic power supply: 4 Amp
- memory saving function
- dimensions: 350x240x140 mm
- weight: 5 kg

1498LT/12-24 1 014980014

1498/12

Portable car starter, 12V



TECHNICAL DATA:

- Pickup current: 2200A
- Shoulder strap included
- Sealed lead acid battery, solid electrolyte (AGM) type

1498/12 1 014980480

13 kg

1498/24

portable car and commercial vehicle starter, 12-24V



Technical Data:

- Pickup current: 4200A (12V) - 2100A (24V)
- Shoulder strap included
- Sealed lead acid battery, solid electrolyte (AGM) type
- Weight: 17 kg

1498/24 1 014980490

1498B12/R02

12V spare battery for starters 12-24V



1498B12-R02 1 014980502

1498/12-24 R20

mains power supply for starters items 1498/12 and 1498/24



1498/12-24 R20 1 014980520

1498/2A

electronic motorcycle battery charger, 12V

allows charging of all Pb Wet, Agm, Gel, Mf and Vrla battery types and LiFePo4 lithium batteries



Features:

- Two different types of charge, for lithium and lead acid batteries respectively
- Automatic multi-stage charge cycle
- Reverse polarity and short-circuit protection
- IP65 degree of protection
- Complete with cable with clamps and cable with eyelets
- Power supply voltage: 220-240V

Technical data:

- Charging current: 1A
- Charging capacity: 2Ah-40Ah
- Frequency: 50-60 Hz
- Battery voltage: 12V
- Dimensions: 180x80x40 mm
- Weight: 0.5 kg

1498/2A 1 014980102

1498/4A

Electronic car/motorcycle battery charger, 6-12 V



- Protected against polarity reversal and short circuits
- Automatic 6 V or 12 V selection
- Automatic battery type selection
- Digital backlit display
- Pull-back fixing hook

TECHNICAL DATA

Power supply voltage: 220V-240V
 Frequency: 50-60 Hz
 Rated current (min-max): 1-4 Amp
 Battery voltage: 6V/12V
 Battery capacity: 4Ah-80Ah
 Charging time: 12 hours
 Degree of protection: IP65

1498/4A 1 014980104

1498SA/2A-4A

cable with cigarette lighter plug for items 1498/2A and 1498/4A



1498SA/2A-4A 1 014980120

1498/8A

Electronic car / commercial vehicle battery charger, 12 V



Features:

- Slow and quick charge (2A-8A)
- Flat battery recovery function
- Power supply function 13.8V-5A
- Protected against polarity reversal and short circuits
- Manual battery type selection
- Digital backlit display
- Pull-back fixing hook

Technical data:

- Power supply voltage: 220V - 240V
- Frequency: 50-60 Hz
- Rated current (min-max): 2-8 Amp
- Battery voltage: 12V
- Battery capacity: 5Ah-160Ah
- Memory saving feature: 13.8V - 5A
- Degree of protection: IP65

1498/8A 1 014980108

1498/4A-8A CO

eyelet cable for items 1498/4A and 8A



1498/4A-8A-CO 1 014980114

1498/4A-8A CP

cable with clamps for items 1498/4A and 8A



1498/4A-8A-CP 1 014980118

1498/2A-8A-PR

extension for item 1498/2A/4A/8A



1498/2A-8A-PR 1 014980119

1498/16A

electronic multipurpose battery charger, 12-24V



- Backlit graphic display
- Max. charging current: 16A, continuous
- Charging and charge maintenance
- Protected against polarity reversal and short circuits
- 9 charging steps
- Floating system
- Show room function (13.8V - 12A)
- Supply function (14V - 12A)
- Memory saving function (13.8V - 12A)
- Battery recovery function
- Clamp holder
- Reclining hook fastening
- Supplied accessories: cable with clamp, cable with eyelets

Technical data:

- Power supply: 220-240V
- Power: 240W
- Charging current: 4-16A
- Battery types: Agm - Wet - Lithium (LiFePo4)
- Charging capacity: 5-360Ah
- Maintenance capacity: 5-550Ah
- Output voltage: 12-24V
- Minimum battery voltage: 0.8V
- Degree of protection: IP20

1498/16A 1 014980126

1498/25A

electronic multipurpose battery charger, 12-24V



Features:

- Backlit graphic display
- Maximum continuous charging current: 25A
- Charging and maintenance
- Protected against polarity reversal, short circuits
- 9 charging stages
- Floating system
- SHOW ROOM function (13.8V - 21A)
- SUPPLY function (14V - 21A)
- Memory saving function (13.8V - 21A)
- Battery recovery function
- Clamp holder
- Reclining fixing hook
- Supplied accessories: cable with clamp

Technical data:

- Power supply: 220-240V
- Power: 390W
- Charging current: 5-25A
- Battery type: Agm - Wet - Lithium (LiFePo4)
- Charging capacity: 5-550Ah
- Maintenance capacity: 5-800Ah
- Output voltage: 12-24V
- Minimum battery voltage: 0.8V
- Protection degree: IP20

1498/25A 260 130 75 1 014980125



1498/120A

electronic multipurpose
battery charger, 12V

Allows batteries to be charged
and powers motor vehicles
while reprogramming and self-diagnosing

CE



- maximum continuous charging current: 120A
- charging and maintenance with CPU microprocessor
- battery recovery function
- reprogramming and power supply for ECU
- protected against polarity reversal, short circuits, incorrect voltage and overload

TECHNICAL DATA

Power supply: 90-260V
Power: 1500W
Charging current: 10-120A
Battery type: Agm - Wet - Lithium (LifePo4)
Charging capacity: 10-1200Ah
Maintenance capacity: 5-3600Ah
Output voltage: 12 Volt
Cable length, with clamps: 2700 mm
Dimensions: 310 x 150 x 350 mm
Weight: 8.5 kg

1498/120A

1 014980142



1498/40A

multipurpose battery charger / starter, 12-24V
wheeled

Since no internal battery is available, the start function (max. 350A)
does not replace that of a specific starter type 1498LT/12 (2000A).

CE



- 3 programmed charging cycles and 1 manual cycle
- electronic adjusting potentiometer
- specific WET-SPIRAL/GEL-AGM charging cycles
- electronic control and protection system
- 10-stage charging process
- battery desulfurization and recovery function
- supply function
- dual voltage, 12-24V
- also suitable for Start&Stop batteries
- professional rubber-insulated brass clamps

TECHNICAL DATA

Power supply: 230V
Output voltage: 12-24V
Charging current: 1-40A
Starting current: 350A max cc
Charging capacity: 4-450Ah

1498/40A

1 014980140

330x250x792

1498SM

memory saver, 12 V

prevents data stored by computer on board cars
from getting lost during maintenance jobs
or battery replacement.

CE



Technical specifications:

- self-supplied
- internal battery Pb 5 Ah
- 12 volts
- professional connection with OBD socket

1498SM

1 014980020

1498SM-C

OBd II car memory saver connectors, 12V, for
item 1498SM/C



1498SM-C

1 014980021

1498SM-CP

car memory saver connectors, 12V clamp, for
item 1498SM/CP



1498SM-CP

1 014980022

1498SM-A

memory saver power supplies for item
1498SM/A



1498SM-A

1 014980023

1498TB/6-12

analogue battery tester, 6-12V

for testing 6V and 12V batteries up to 1000CCA



READING TABLE TEST RESULTS:

OK (GREEN)

Battery capacity is OK. Battery may or may not be fully charged.
Make sure it is completely recharged.

WEAK or BAD but needle remains in fixed position (YELLOW
OR RED):

UNSATISFACTORY battery capacity. Battery may be faulty or not
completely charged. If battery is not fully charged (100%) battery
must be replaced.

WEAK or BAD but needle does not remain fixed in place -
(YELLOW OR RED):

Battery may be faulty or to the ground. Replace battery.

	L	L1	P
	mm	mm	mm
1498TB/6-12	290	170	75

1 014980420

1498TB/12-24

digital battery tester, 12V,
and starting/charging system analyzer, 12-24V

- allows the following to be tested: battery, alternator (smart and normal) and starter, diode ripple and chassis test
- fitted with software for printing test from PC
- backlit display
- compact, shockproof frame
- 10 language software
- complete with input for connecting a removable mini printer (optional accessory, Beta 1498ST/TB)



CE

Technical Data:

- Applications: 12V battery test - Alternator charge test, 12-24V - Starter test
- Operating range: 100-2000 CCA
- Reference standards: CCA,SAE,DIN,EN,IEC,JIS
- Supported batteries: PB, WET, GEL, AGM, AGM FLAT, EFB
- Voltmeter: 9V-36V
- Cable length: 1600 mm
- Languages: Italian, English, French, German, Spanish, Polish, Romanian, Dutch, Swedish and Finnish
- Accessories included: USB cable and software

1498TB/12-24

1 014980401

1498ST/TB

mini thermal printer
for tester item 1498TB/12

- Mini printer can be directly connected to tester
- Allows test results to be printed



CE

1498ST/TB

1 014980410

1498ST/TB ROT

paper refill
for printer 1498ST/TB



1498ST/TB ROT

2 014980411

1498PC

voltage stabilizer, 12-24 V

Protects control units
in welding and starting processes



1498PC

1 014980801

1498TC

digital glow plug tester

Quick, accurate glow plug testing

- Suitable for all types of glow plugs, 4.4-5-7-8.5-10-11 Volts
- Digital backlit display
- Suitable for steel and ceramic glow plugs
- Short circuit and polarity reversal protection
- Turns off automatically when not in use
- With buzzer
- With SMD LED torch
- Compact, shockproof frame



CE

1498TC

1 014980450

1499

sonoscope probe

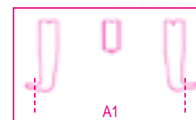
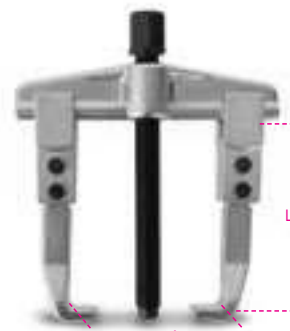


1499

1 014990001

1500/...

two-leg universal pullers



	L mm	
1500/1	100	1 015000301
1500/2	100	1 015000302
1500/3	150	1 015000303
1500/4	150	1 015000304
1500/5	205	1 015000305
1500/6	205	1 015000306
1500/7	205	1 015000307
1500/8	230	1 015000308

	A min+Max mm	A1 min+Max mm
1500/1	25÷80	70÷130
1500/2	25÷130	80÷180
1500/3	50÷160	105÷220
1500/4	60÷200	120÷270
1500/5	80÷250	160÷330
1500/6	80÷350	160÷420
1500/7	110÷520	195÷600
1500/8	170÷640	260÷715



1500/SP5

1500/1-1500/2-1500/3
1500/4-1500/5

1500/SPV

1 015000325

1 015000001

1500G/...

legs, pair, standard series,
for items 1500 and 1580/81

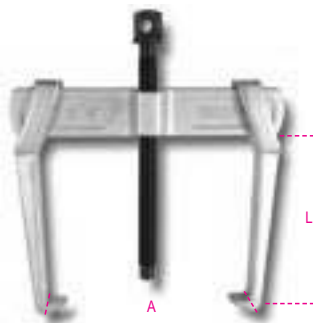


	mm	1500	
1500G/1	35	/1-2	1 015000311
1500G/3	35	/3-4	1 015000313
1500G/5	35	/5-6-7	1 015000315
1500G/8	50	/8	1 015000317

1580/81

1500N/...

universal pullers with 2 sliding legs



A	L		
min+Max	mm	mm	
18÷65	70	1	015000600
23÷70	100	1	015000601
23÷100	100	1	015000602
35÷140	150	1	015000603
35÷190	150	1	015000604
43÷250	205	1	015000605
43÷320	205	1	015000606



1500N/SP6	1	015000626
1500N/0-1500N/1-1500N/2-1500N/3		
1500N/4-1500N/5		
1500N/SPV	1	015000006

1500N/G...

loose legs for pullers 1500N



	±	±		
mm	mm	1500N		
10	/0	2	015000650	
12	/1-2	2	015000651	
17	/3-4	2	015000653	
23	/5-6	2	015000655	

1501/1 - 2 - 3

thin leg pullers

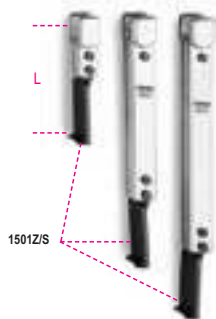


L			
mm			
100	1	015010101	
200	1	015010102	
250	1	015010103	

A			
min+Max	mm		
25÷130	1	015000603	
25÷130	1	015000605	
25÷130	1	015000606	

1501G/1 - 2 - 3

legs for item 1501



L			
mm			
100	1	015010111	
200	1	015010112	
250	1	015010113	

1501Z/S - P - R

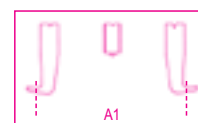
leg ends for item 1501G



	±	D		
mm	mm	mm		
2,0	27	2	015010211	
3,6	27	2	015010212	
3,6	14	2	015010213	

1502/...

two-leg universal pullers with quick leg adjustment and closure



L	L1		
mm	mm		
100	166	1	015020000
100	166	1	015020001
150	247	1	015020002
150	247	1	015020003
200	321	1	015020004

A	A1		
min+Max	min+Max		
mm	mm		
40÷90	80÷130	1	015020000
50÷130	90÷170	1	015020001
65÷150	115÷210	1	015020002
65÷190	125÷260	1	015020003
70÷235	170÷335	1	015020004

1505V

windshield and rear window wiper arm remover

Removable perforated brass tip for arm removal, with built-in washer jet



A Max	L		
mm	mm		
43	37	1	015050001

1505/C5

windshield wiper removal kit

1 two-leg puller, Ø 25÷40 mm
4 half-moon tools, Ø 25 mm, Ø 30 mm, Ø 35 mm, Ø 41 mm

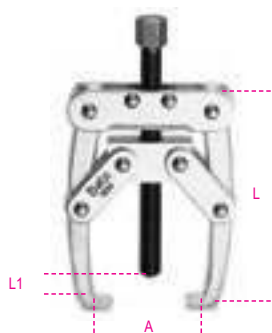


mm
12 1 015050300

320x150x60 mm - 1,2 kg

1506

two-leg self-locking puller



	A min+Max mm	L mm	L1 mm	
1506	10÷50	80	40	1 015060001

1508/1 - 1508/2

two-leg pullers, light series



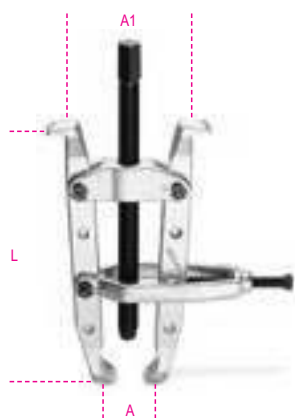
	L mm	
1508/1	105	1 015080001
1508/2	130	1 015080002

	A min+Max mm	L1 mm
1508/1	6÷100	85
1508/2	10÷140	120



1511/1 - 2 - 3

external pullers
with two reversible legs



	L mm	
1511/1	235	1 015110001
1511/2	330	1 015110002
1511/3	405	1 015110003

	A min+Max mm	A1 min+Max mm
1511/1	20÷100	65÷95
1511/2	40÷150	103÷190
1511/3	40÷150	103÷175

1515/1 - 2 - 3

pullers with two floating legs



	L mm	
1515/1	85	1 015150101
1515/2	85	1 015150102
1515/3	105	1 015150103

	A Max mm	L1 mm
1515/1	60	105
1515/2	70	105
1515/3	90	105

1516/1 - 2 - 3

pullers with three floating legs



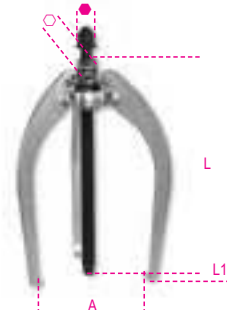
	L mm	
1516/1	85	1 015160001
1516/2	85	1 015160002
1516/3	105	1 015160003

	A Max mm	L1 mm
1516/1	60	85
1516/2	70	85
1516/3	90	105

1517

three-leg self-locking pullers

- For major pulling loads.
- Self-locking effect.



	L mm	L1 mm	Ø mm	
1517/90	182	60	22	1 015170000
1517/150	242	115	22	1 015170010
1517/200	307	150	22	1 015170020
1517/260	395	180	30	1 015170030

	● mm	A mm	kg	N
1517/90	19	18÷90	6000	59000
1517/150	19	25÷150	6000	59000
1517/200	19	40÷200	6000	59000
1517/260	27	50÷260	8000	78500



1517C TWO/THREE-LEG SELF-LOCKING PULLERS FOR EXTERNAL USE

Beta's puller 1517C relies on a leg self-locking mechanism triggered by the spring on the crosspiece. This feature makes it easy to position and lock the puller on the part to remove. After the puller has been fixed in place, the legs can be locked by means of the ring nut.

The peculiar crosspiece has 4 seats which allow the 1517C puller to be used with both 2 legs – for easier, quicker jobs – and 3 legs – for increased firmness.

The shear pin on the screw head breaks when the maximum permissible torque is exceeded, thereby protecting the puller from overloads.

1517C/... combination two/three-leg self-locking pullers

- for 2- or 3-leg use
- self-locking effect



	L mm	L1 mm		
1517/C0	145	250	1	015170500
1517/C1	200	300	1	015170501
1517/C2	270	300	1	015170502

	A mm	● mm
1517/C0	12÷140	18
1517/C1	20÷180	18
1517/C2	30÷280	18

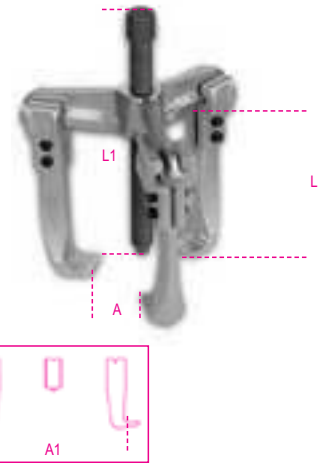
1518/... three-leg pullers



	L mm		
1518/1	105	1	015180001
1518/2	135	1	015180002
1518/3	235	1	015180003
1518/4	270	1	015180004
1518/5	270	1	015180005
1518/6	270	1	015180006

	A min+Max mm	L1 mm
1518/1	24÷100	105
1518/2	32÷160	150
1518/3	40÷220	220
1518/4	80÷250	240
1518/5	80÷300	350
1518/6	80÷350	400

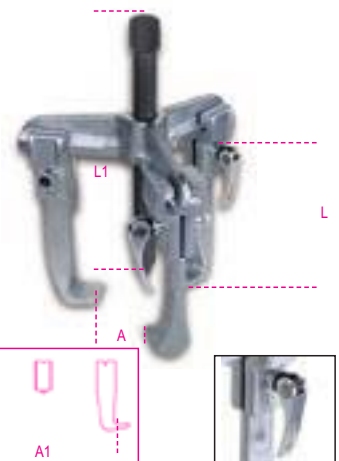
1518U/... three-leg universal pullers



	L mm	L1 mm		
1518U/0	100	166	1	015180500
1518U/1	100	166	1	015180501
1518U/2	150	247	1	015180502
1518U/3	150	247	1	015180503
1518U/4	200	321	1	015180504

	A min+Max mm	A1 min+Max mm	● mm
1518U/0	40÷90	80÷130	17
1518U/1	50÷130	90÷170	17
1518U/2	65÷150	115÷210	22
1518U/3	65÷190	125÷260	22
1518U/4	70÷235	170÷335	27

1519/... three-leg universal pullers with quick leg adjustment and closure



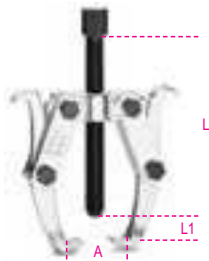
	L mm	L1 mm		
1519/0	100	166	1	015190000
1519/1	100	166	1	015190001
1519/2	150	247	1	015190002
1519/3	150	247	1	015190003

	A min+Max mm	A1 min+Max mm	● mm
1519/0	40÷90	80÷130	17
1519/1	50÷130	90÷170	17
1519/2	65÷150	115÷210	22
1519/3	65÷190	125÷260	22



1520/1 - 1520/2

pullers with two reversible legs

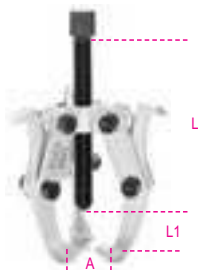


	L mm		
1520/1	135	1	015200101
1520/2	235	1	015200102

	A Max mm	L1 mm
1520/1	110	85
1520/2	160	140

1521/1 - 1521/2

pullers with three reversible legs

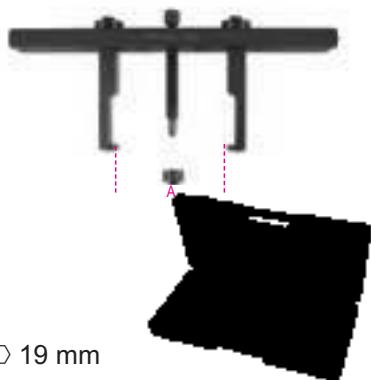


	L mm		
1521/1	135	1	015210101
1521/2	235	1	015210102

	A Max mm	L1 mm
1521/1	110	90
1521/2	160	140

1528

self-locking puller
for brake discs



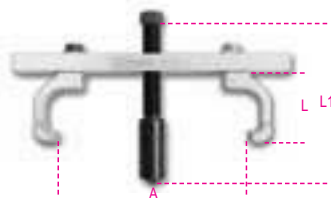
⊙ 19 mm

	A min+Max mm		
170±	380	1	015280000

⊞ 480x240x60 mm - 📦 4,8 kg

1529

multi-step cone pulley puller



A	L	L1	
min+Max mm	min+Max mm	min+Max mm	
24±240	60±95	90±135	1 015290000

⊞ 260x210x60 mm - 📦 2,6 kg

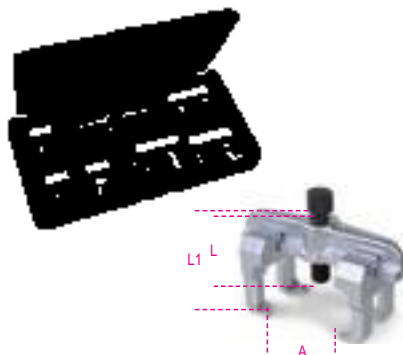
1529/C7

pulley puller

Kit contents:

- 2 legs with two 4.7-mm-thick feet
- 2 legs with one 4.3-mm-thick foot
- 1 leg with two 2.3-mm-thick feet
- 1 leg with one 2.3-mm-thick foot

The pair of legs can be made up according to one's operating requirements



	L	L1	A	
	mm	mm	min+Max mm	
1529/C7	50	72,5	53±114	1 015290100

⊞ 285x155x50 mm - 📦 2 kg

1529PI

universal injection pump pulley puller

- Allows fuel injection pump pulley to be quickly and accurately removed.
- Particularly suitable for Fiat, Ford, Volkswagen, Citroën and Peugeot vehicles.

Includes 3 pairs of screws for tightening puller to pulley:

M6 x 1.0 x 49 mm

M7 x 1.0 x 75 mm

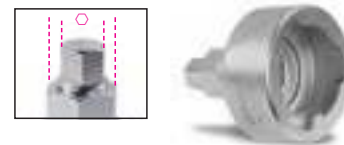
M8 x 1.25 x 76 mm



1529PI	1	015290051
--------	---	-----------

1529/PG

high-pressure diesel oil pump puller,
for VAG group vehicles



	mm		
15-24		1	015290010

1530/C5

wheel hub and bearing pulling kit,
3, 4, 5 holes

Kit contents:

- 1 universal flange (96±138 mm)
- 1 hydraulic screw (12 t)
- 1 hammer face (2.8 kg), required for hubs without central fixing bolts



1530/C5	1	015300300
---------	---	-----------

⊞ 760x320x120 mm - 📦 11,5 kg

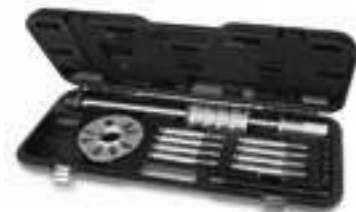
1530/C16

hammer face kit with spacing studs,
for pulling wheel hubs and bearings
3, 4, 5 holes

Ideal for hubs with projecting centre rings

Kit contents:

- 1 universal flange (90±130 mm)
- 1 hammer face (5 kg)
- 4 M12 coupling studs
- 4 M14 coupling studs



1530/C16	1	015300316
----------	---	-----------

⊞ 760x310x100 mm - 📦 13,5 kg

1531/C7

removal kit for hub wheel bearing inner rings

included sizes:

- 1 pliers Ø 40+45 mm
- 1 pliers Ø 45+51 mm
- 1 pliers Ø 50+55 mm
- 1 pliers Ø 55+61 mm



1531/C7 1 015310107

390x315x96 mm - 4,3 kg

1532

packing and oil seal removal tool



1532 2 015320001

1533/...

pullers for separators 1534



	L mm	
1533/2	150	1 015330002
1533/3	210	1 015330003
1533/4	315	1 015330004
1533/5A	305	1 015330006

	A min+Max mm	L1 mm
1533/2	45+140	110
1533/3	55+205	175
1533/4	90+260	175
1533/5A	100+360	235

1533PR/1 - 2 - 3

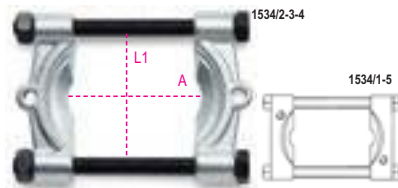
extensions for pullers 1533



1533PR/1	1 015330011
1533/2	
1533PR/2	1 015330012
1533/3	
1533PR/3	1 015330013
1533/4-5	
1533PR/5A	1 015330016
1533/5A	

1534/...

separators



1534/1	1533/2	1 015340001
1534/2	1533/2	1 015340002
1534/3	1533/3	1 015340003
1534/4	1533/4	1 015340004
1534/5A	1533/5A	1 015340006

	A min+Max mm	L1 mm
1534/1	5+60	63
1534/2	12+75	75
1534/3	22+115	118
1534/4	25+155	154
1534/5A	30+220	180

1535/C...

puller kits



1535/C1 1 015350001

1533/2	
1533PR/1	
1534/1	
260x180x40 mm - 2,5 kg	

1535/C2 1 015350002

1533/2	
1533PR/1	
1534/2	
260x180x40 mm - 2,8 kg	

1535/C3 1 015350003

1533/3	
1533PR/2	
1534/3	
380x280x55 mm - 8,0 kg	

1535/C4 1 015350004

1533/4	
1533PR/3	
1534/4	
420x380x65 mm - 14,8 kg	

1535/C5A 1 015350006

1533/5	
1533PR/3	
1534/5	
530x510x85 mm - 27,2 kg	

1539

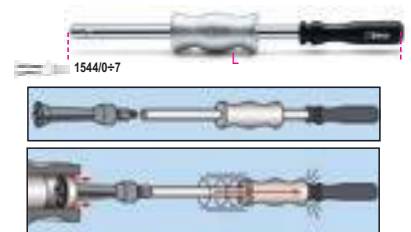
sheet sliding hammer



1539 1 015390001

1540

sliding hammer



1540 390 M10 0+7 1 015400001





1542/1 - 1542/2

two-leg pullers for extractors

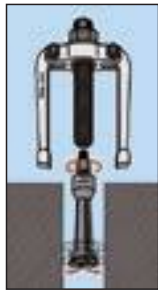


	A	1544		
	min+Max	0±7		
	mm			
1542/1	35÷75		1	015420001
1542/2	60÷130	9C-10C	1	015420002

	L	L1
	mm	mm
1542/1	140	140
1542/2	175	160

1544/...

internal extractors



	C	1544		
	mm	M10		
1544/0	0,25	M10	1	015440100
A= 5÷7				
1544/A	0,80	M10	1	015440105
A= 7÷9				
1544/1	0,80	M10	1	015440110
A= 9÷12				
1544/2	1,15	M10	1	015440120
A= 13÷17				
1544/2B	1,00	M10	1	015440121
A= 14÷19				
1544/3	1,70	M10	1	015440130
A= 16÷21				
1544/4	1,65	M10	1	015440140
A= 20÷25				
1544/5	2,00	M10	1	015440150
A= 25÷30				
1544/6	3,00	M10	1	015440160
A= 30÷37				
1544/7	3,80	M10	1	015440170
A= 38÷45				
1544/9C	2,60	G 3/8"	1	015440189
A= 40÷75				
1544/10C	7,30	G 3/8"	1	015440199
A= 70÷115				

1545/C5M

puller 1542/1 with 5 extractors 1544



1545/C5M 1 015450011

1542/1	● 24 mm
1544/1	9÷12 mm
1544/2	13÷17 mm
1544/3	16÷21 mm
1544/4	20÷25 mm
1544/5	25÷30 mm

265x180x45 mm - 2,4 kg

1547/C6

dummy ball bearing extractors



1547/C6 1 015470006

420x185x60 mm - 3 kg

1547KP

set of 3 pairs of dummy ball terminals



	Ø			
	mm			
1547KP/1	9-11-12,5		1	015470106
1547KP/2	5-6-8		1	015470206

1547P

hexagonal extensions



	L	1547		
	mm			
1547P/1	205	1547/1	1	015470101
1547P/2	102	1547/2	1	015470201

1547PG/2

round extensions, short series



	L	1547		
	mm			
1547PG/2	42	1547/2	1	015470202

1547PL/2

round extensions, long series



	L	1547		
	mm			
1547PL/2	106	1547/2	1	015470203

1549

kit for removing and installing double effect shock absorbers with gas return

allows stem to be kept straightened while springs are being installed



1549 1 015490001

310x270x110 mm - 3 kg



1550U

pneumatic shock absorber removal tool
for cars, SUVs and commercial vehicles

CE



Features

- Maximum thrust: 2 tons (10 bars) - 1.6 tons (8 bars) - 1.2 tons (6 bars)
- Spring compression stroke: 335 mm
- Upper universal hold system that allows all left/right-hand spring diameters to be compressed with one upper adaptable plate
- Active safety system on spring: safety hook and 3 locking valves allow spring to be properly positioned/seated, maintaining such position throughout compression
- If spring is not positioned properly, system will stop machine.
- Protective "Full Body" Grille: provides maximum safety and working area coverage
- Control Lever operation: increased accuracy and sensitivity during compression stage
- Working position: working height on rear fork raised up to 875 mm
- Supplied with 2 lower forks for diameters 78-205 mm

1550U

1 015500010

1550U/CGS-R

lowered upper jaws, pair, for item 1550U



1550U CGS-R

1 015500035

1550U/MRC-ABE

special forks for item 1550U,
specially designed for Mercedes A-B-E Class
cars



1550U/MRC-ABE

1 015500031

1550U/MRC-C

special forks for item 1550U,
specially designed for Mercedes C class cars



1550U/MRC-C

1 015500032

1550U/S...

lower fork for item 1550U



	∅ mm		
1550U/S 130	78÷130 mm	1	015500014
1550U/S 182	105÷182 mm	1	015500015
1550U/S 205	125÷205 mm	1	015500016

1550U/SS187

left-hand fork for item 1550U

Particularly suitable for left-hand springs,
e.g. Nissan Qashqai and Renault Koleos



1550U/SS 187

1 015500018

1550U/M

vice for shock absorber removal tool item
1550U

Allows shock absorber stem to be locked



1550U/M

1 015500021

1551/C20

kit for removing shock absorber heads

Kit contents:

- 7 hexagon sockets, sizes: 16 - 17 - 18 - 19 - 21 - 22 - 24
- 1 socket extension, length: 120 mm
- 3 slotted female bits, sizes: 8x5 - 8x6 - 11x8
- 1 female hexagon bit, size: 10 mm
- 1 male XZN(R) bit, size: M10
- 1 male Torx(R) bit, size: T50
- 4 male hexagon bits, sizes: 5 - 6 - 7 - 8
- 1 bit holder extension, length: 95 mm
- 1 bit holder extension, length: 190 mm



∅ 8 - 21 mm

1551/C20

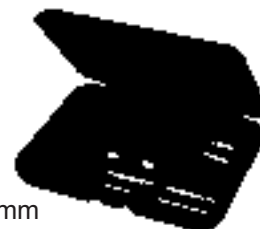
1 015510020

320x245x71 mm - 2,6 kg

1552/C9

kit for spreading shock absorber, wishbone
and steering wheel joints apart

working with single or double retractor head also makes it
possible to work on double joints, e.g. from VAG group



∅ 13 mm

1552/C9

1 015520020

195x140x40 mm - 1,0 kg

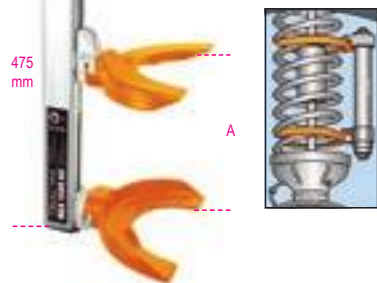


1555/Q

compressor for MacPherson and equivalent shock absorber springs

Maximum thrust: 1500 kg

CE



A	Ø		
min+Max	min+Max		
mm	mm		
65+354	80+195	1	015550006

1555/QS

compressor for MacPherson and equivalent shock absorber springs

CE



A	Ø		
min+Max	min+Max		
mm	mm		
70+300	80+200	1	015550005

1555S/BMW-RNT

fork for BMW E39, E46 and Renault Mégane II shock absorbers, for items 1555Q and 1555/QS



1555S/BMW-RNT	1	015550303
---------------	---	-----------

1555C

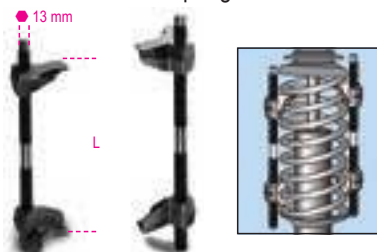
telescopic compressor for shock absorber springs with 4 forks and torsion bar



A	Ø	N	t		
min+Max	min+Max				
mm	mm				
80+225	90+160	25000	8,5	1	015550202

1556/1A

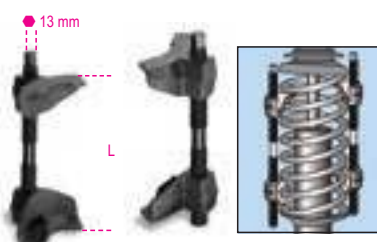
compressor for shock absorber springs



min L Max			
mm			
65+320	1	015560101	

1556/2A

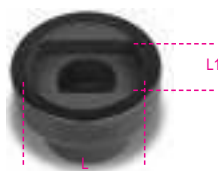
compressor for shock absorber springs



min L Max			
mm			
65+200	1	015560102	

1557

impact sockets for truck leaf springs



L	L1		
mm	mm		
37	28	1	015570137
46	34	1	015570146
56	34	1	015570156

1557V

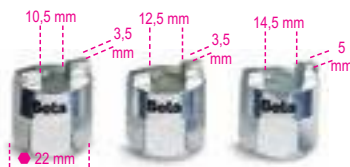
impact sockets for Volvo leaf springs



mm			
27	1	015570299	

1557/S3

set of 3 sockets for shock absorber nuts



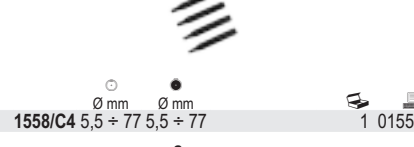
1557/S3	1	015570010
---------	---	-----------

1558/C4

internal and external snap ring tool, screw-operated

square drive allows a high force to be applied in both operating conditions

Supplied tips:
Ø 2.5-3-3.5 mm



1558/C4	5,5+77	5,5+77	1	015580100
---------	--------	--------	---	-----------

330x220x50 mm - 900 g

1558P

snap ring tips, pair, for item 1558



Ø		
mm		
2,5	1	015580125
3,0	1	015580130
3,5	1	015580135

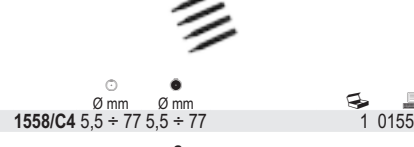
1558/C13

internal and external snap ring tool, screw-operated

square drive allows a high force to be applied in both operating conditions

supplied tips:

- straight: Ø 2.5 - 3 - 3.5 - 3.8 mm
- 45°: Ø 2.5 - 3 - 3.5 - 3.8 mm
- 90°: Ø 2.5 - 3 - 3.5 - 3.8 mm



1558/C13	5,5+77	5,5+77	1	015580200
----------	--------	--------	---	-----------

330x220x45 mm - 1,6 kg

1559

ball joint puller, light series



	A Max mm	Ø mm		
1559/22	50	18÷22	1	015590001
1559/36	90	36	1	015590036
1559/45	115	45	1	015590045

1559V/8T

hydraulic screw for ball joint pullers 1559/36 and 1559/45



Nm	t		
80000	8	1	015590145

1560/2

ball joint pullers, professional type



A min÷Max mm	Ø mm		
60÷85	20	1	015600002

1560A

ball joint puller



1560A	1	015600601	

1561/...

ball joint pullers



L mm	A mm	Ø mm		
1561/1	39	36,6	18	1 015610001
1561/2	47	45,7	25	1 015610002
1561/3	63	62	30	1 015610003
1561/4	75	63	40	1 015610004

1562D

ball joint puller

Supplied with 2 screws for pulling suspension and steering joints



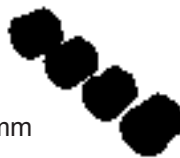
A max mm	Ø mm	● mm	L mm		
50	39	26	155	1	015620239

1563/C4

set of 4 ball joint removal sockets

for use with air hammer
set contents:

- 1 socket M12x1.25 mm
- 1 socket M12x1.5 mm
- 1 socket M14x1.5 mm
- 1 socket M16x1.5 mm



22/24 mm

1563/C4	1	015630010	

1565/1-2-3

fork separators for ball joints



	Ø mm	L1 mm		
1565/1	18	65	1	015650001
1565/2	23	65	1	015650002
1565/3	30	88	1	015650003

1566N

tool for removing/installing steering arms



Ø x L mm	○ mm	□ mm		
28÷35 x 400	27	12"	1	015660005
35÷45 x 190	27	-	1	015660008
35÷45 x 400	27	12"	1	015660010

1566R

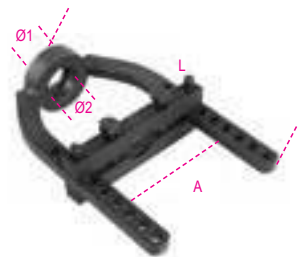
adjustable tool for removing/installing steering arms



Ø mm			
27÷43	1	015660015	

1566/G01

homokinetic joint puller



L mm	A mm	Ø1 mm	Ø2 mm		
250	115	29	36	1	015660052

1566P

ribbed axle shaft

circlip pliers

Pliers compress circlip, making it easier to fix axle shaft into homokinetic joint



L mm	A Max mm		
280	36	1	015660091

1567

lever for removing wishbone heads and shock absorbers from pillar

Can be used by one operator



A mm	B min÷Max mm		
1060	100÷300	1	015670001

1568

pneumatic assembly tool
for silicone axle shaft boots
8 spreader arms
maximum arm spreading: 145 mm

CE



L	L1		
mm	mm		
420	195	1	015680001

1569/F

tool assortment for removing and inserting
Fiat Panda, Fiat 500 and Ford Ka silentblocks



1569/F	1	015690021
--------	---	-----------

1569/SB

assortment of tools for removing and installing
rear axle silent blocks,
driving shaft oil seals and wheel bearings
• bushings can be used both on vehicle and on hydraulic
press



1569/SB	1	015690016
---------	---	-----------

425x365x100 mm - 13 kg

1569CP

striking tools
for installing conical bearings and oil seals

Quick adjustment



	Ø	L		
	min+Max	mm		
1569CP/50	9,5+50	130	1	015690750
1569CP/90	18+90	145	1	015690790

1570/3

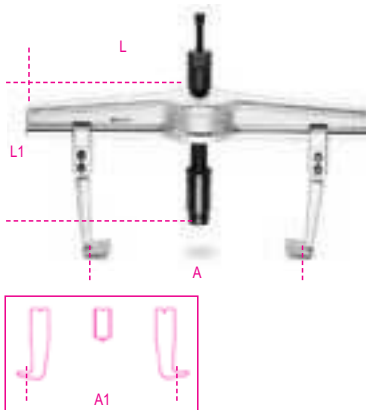
hydraulic presses for pullers



t	L	L1	●		
mm	mm	mm	mm		
30	243	36	19	1	015700003

1580/8I

two-leg hydraulic puller



1580/8I	1	015800008
---------	---	-----------

	A	L	L1	A1	N
	min+Max	mm	mm	min+Max	Max
1580/8I	170+640	715	280	260+715	180000

1580GL

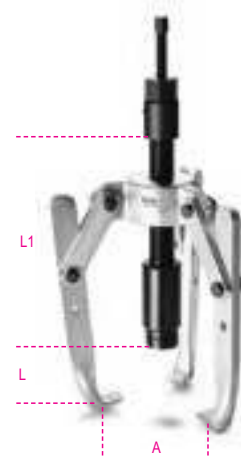
loose legs, long series, for pullers item 1580/8I



	L		
	mm		
1580GL/8A	300	1	015800227
1580GL/8B	400	1	015800228
1580GL/8C	500	1	015800229

1585/5I - 6I - 7I

three-leg pullers for hydraulic use

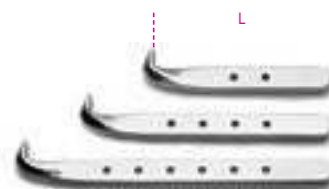


1585/5I	1	015850005
1585/6I	1	015850006
1585/7I	1	015850007

	A	L1	L	N
	min+Max	mm	mm	Max
1585/5I	50+350	135	280	150000
1585/6I	50+350	235	280	150000
1585/7I	50+350	335	280	150000

1585GI/5 - 6 - 7

legs for hydraulic puller
1585/I-1585/6I-1585/7I



	L		
	mm		
1585GI/5	135	1	015850205
1585GI/6	235	1	015850206
1585GI/7	335	1	015850207

1589VI

hydraulic screw for pullers
1580/8I and 1585/5I - 1585/6I - 1585/7I



1589VI	1	015890001
--------	---	-----------

1589PI/50 - 100 - 150

extension sockets for hydraulic screw



	L	L1		
	mm	mm		
1589PI/50	50	70	1	015890005
1589PI/100	100	120	1	015890010
1589PI/150	150	170	1	015890015

1590

standard clamps



A max mm	L1 mm		
60	55	2	015900305
100	65	2	015900310
150	95	2	015900315

1591

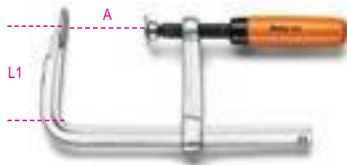
screw clamps



A ~	A max mm	L1 mm		
200	200	80	2	015910020
300	310	85	2	015910030
400	410	85	2	015910040
500	500	95	2	015910050
600	600	95	2	015910060
800	800	95	2	015910080
1000	1000	110	2	015910100

1593

screw clamps



A ~	A max mm	L1 mm		
160	170	80	2	015930016
200	240	100	2	015930020
300	320	145	2	015930030

1594

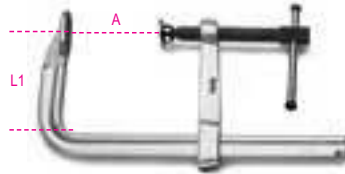
lever bar clamps



A ~	A max mm	L1 mm		
200	240	145	1	015940020
250	290	145	1	015940025
300	340	145	1	015940030
400	430	150	1	015940040
500	530	150	1	015940050
600	630	150	1	015940060

1595

screw clamps



A ~	A max mm	L1 mm		
200	230	100	2	015950020
250	270	120	2	015950025
300	330	120	2	015950030
400	420	120	2	015950040
500	520	125	2	015950050
600	620	125	2	015950060
800	820	125	1	015950080
1000	1030	125	1	015950100

1599F

parallel bench vices, forged

Fully steel cast. Milled and hardened jaw surface.
Front opening. High clamping depth.

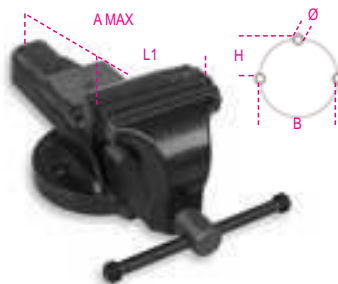


L1 mm	BxH mm	Ø mm	A MAX mm		
100	92x46	11	125	1	015990100
125	108x54	13	150	1	015990125
150	125x62	13	200	1	015990150
175	140x70	15	220	1	015990175

1599GI

parallel bench vices with interchangeable jaws

- with square guide for heavy-duty jobs
- interchangeable jaws with hardened surface



L1 mm	BxH mm	Ø mm	A MAX mm		
100	92x46	11	125	1	015990200
125	108x54	13	150	1	015990225
150	125x62	13	200	1	015990250
175	140x70	15	220	1	015990275

1599GR

pairs of jaws and spare screws for vices
1599GI

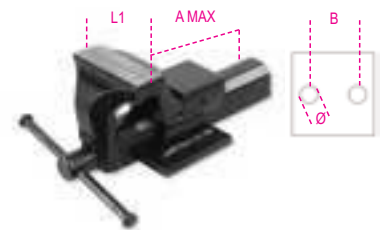


	A mm		
1599GR 100	100	1	015990920
1599GR 125	125	1	015990925
1599GR 150	150	1	015990950
1599GR 175	175	1	015990975

1599P

parallel bench vices

Hardened jaws.
Anvil with large lacquered surface.
Square steel base.



L1 mm	B mm	Ø mm	A MAX mm		
100	92	11	111	1	015990000
125	108	13	130	1	015990025
150	130	15	170	1	015990050

1599B

revolving bases for vices item 1599P

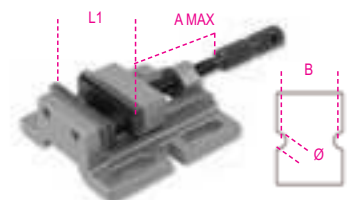


	1599P		
1599B 100	100	1	015990810
1599B 125	125	1	015990812
1599B 150	150	1	015990815

1599T

parallel drill vices

Special cast iron vices, with hardened and ground jaws.
For use on small and medium size pillar drills



L1 mm	B mm	Ø mm	A MAX mm		
80	111	11	65	1	015990480
100	120	13	87	1	015990500

1599G

pairs of aluminium jaw covers

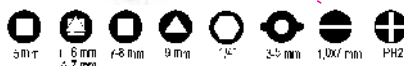


A mm		
100	1	015990910
125	1	015990912
150	1	015990915
180	1	015990917

1600Q 8

four-way wrench for control panel operators

square 5 / 6 / 7-8 mm
triangle 7 / 9 mm
flaps 3-5 mm
hexagon 1/4"
slotted head 1.0x7 mm + cross head PH2



L mm		
76	1	016000008

1600Q 10

eight-way wrench with articulated joint, for control panel operators

square 5 / 6-7 / 8-9 mm
triangle 5-6-7 / 8-9 / 10 mm
flaps 3-5 mm
hexagon 1/4"
male drive 1/4"



L mm		
125	1	016000010

CERTIFICATION SERVICE FOR MEASURING INSTRUMENTS

Certification of measuring instruments is essential in the sectors or fields of application where precise, unambiguous, recognizable measurements are required.

Certification involves issuing an Accredia certificate:

On request, Beta Utensili S.p.A. provides the certification service for Sliding Gauges, Digital Verniers, Dial Indicators, Micrometers and Feeler Gauges. To receive this service, please contact your dealer.



1650

sliding gauge
reading to 0.05 mm

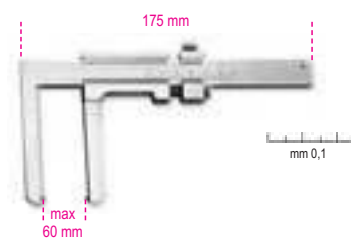


UNI EN ISO 13385-1DIN 862

A max mm	L mm		
150	235	1	016500001
200	290	1	016500002

1650FD

sliding gauge for brake discs
reading to 0.1 mm



1650FD	1	016500050
--------	---	-----------

1650FT

sliding gauge for brake drums
made from stainless steel
reading to 0.05 mm

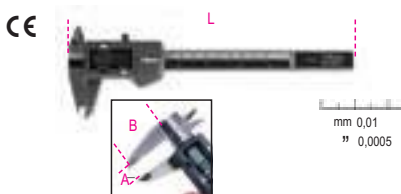


	A max mm	L mm		
1650FT/1	350	438	1	016500060
1650FT/2	500	550	1	016500070

1651DGTB

digital vernier,
reading to 0.01 mm

- Features:
- reading to 0.01 mm
 - screw slider locking
 - mm/inch conversion
 - zero setting at any position
 - square depth rod up to 300 mm
 - in hard plastic case



UNI EN ISO 13385-1DIN 862CE

A Max mm	L mm	B mm		
150	235	40	1	016510211
200	285	50	1	016510212
300	400	60	1	016510213

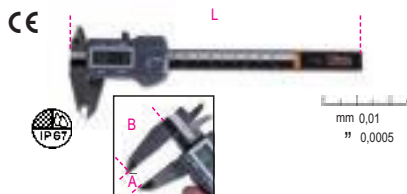


1651DGTB/IP

digital vernier,
reading to 0.01 mm,
degree of protection IP67

- reading to 0.01 mm
- screw slider locking
- mm/inch conversion
- automatic power on by moving the vernier along its rod
- zero setting at any position
- HOLD function
- absolute and incremental measurement modes

Degree of protection IP67 provides total protection against dust and liquids, maintaining the functional characteristics of the vernier, e.g. when it is totally immersed.



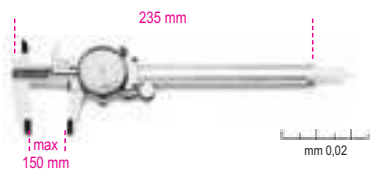
UNI EN ISO 13385-1 DIN 862CE

A Max mm	L mm	B mm	
150	235	40	1 016510711

270x115x35 mm - 450 g

1652

analogue vernier,
analogue reading to 0.02 mm



UNI EN ISO 13385-1DIN 862

1652	1 016520016
------	-------------

1654

workshop verniers,
reading to 0.02 mm



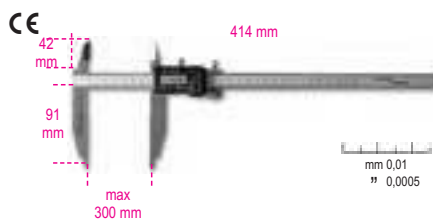
UNI EN ISO 13385-1DIN 862

A max mm	L mm	
200	330	1 016540020
300	410	1 016540030



1654DGT

digital vernier,
reading to 0.01 mm
reading to 0.0005"



UNI EN ISO 13385-1DIN 862CE

1654DGT	1 016540111
---------	-------------

1656

depth gauge, reading to 0.02 mm

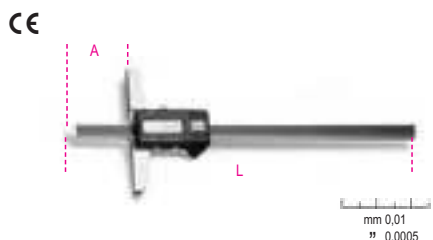


UNI EN ISO 13385-2DIN 862

A max mm	L mm	
200	260	1 016560020
300	360	1 016560030

1657DGT/2

digital depth gauge
reading to 0.01 mm
reading to 0,0005"



UNI EN ISO 13385-2DIN 862CE

A max mm	L mm	
1657DGT/2	200 270	1 016570002

1658/...

outside micrometers,
reading to 0.01 mm



DIN 863/II

	A mm	
1658/25	0÷25	1 016580025
1658/50	25÷50	1 016580050
1658/75	50÷75	1 016580075
1658/100	75÷100	1 016580100

1658/C4

assortment of 4 micrometers
item 1658



DIN 863

1658/C4	1 016580001
---------	-------------

1658/25	0÷25 mm
1658/50	25÷50 mm
1658/75	50÷75 mm
1658/100	75÷100 mm

365x245x35 mm - 2,5 kg

1658DGTB

IP65 digital outside micrometers, reading to 0.001 mm

- reading to 0.001 mm
- hardened steel calipers
- lever slider locking
- mm/inch conversion
- zero setting at any position
- absolute and incremental measurement modes
- supplied with a calibration wrench



DIN 863CE

1658DGTB 25	1 016580525
1658DGTB 50	1 016580550



1658SP/1

base for micrometer



1658SP/1 1 016580910

1659

thickness gauge with dial indicator, reading to 0.01 mm

C=dial field



1659 C mm 0÷10 1 016590001

1662/1 - 1662/2

dial indicator, reading to 0.01 mm

C=dial field



DIN 878
1662/1 C mm 0÷5 1 016620001
1662/2 C mm 0÷10 1 016620010

1662DGT/A

digital dial indicator, reading to 0.01 mm

C = Dial field

CE



1662DGT/A C mm 0-12,5 1 016620311

1662AN

adjustable stylus dial indicator, reading to 0.01 mm

C=Dial field



DIN 2270
1662AN C mm 0÷0,8 1 016620200

1662SP0

magnetic base



1662SP0 1 016620800

1662SP2

magnetic base, rotating



1662SP2 1 016620910

1666

precision squares made from stainless steel ground and lapped



DIN 875/0
L mm L1 mm 1 016660210
100 70 1 016660215
150 100 1 016660220
200 130 1 016660225
250 165 1 016660230
300 200 1 016660230

1666A

flanged precision squares made from stainless steel ground and lapped



DIN 875/0
L mm L1 mm 1 016660110
100 70 1 016660115
150 100 1 016660120
200 130 1 016660125
250 170 1 016660130
300 200 1 016660130

1668

squares made from normalized, ground steel



DIN 875/2
L mm L1 mm 2 016680210
100 70 2 016680215
150 100 2 016680220
200 130 1 016680225
250 165 1 016680230
300 174 1 016680230



1668A

flanged precision squares
made from normalised, ground steel



DIN 875/2

L mm	L1 mm		
100	70	2	016680110
150	100	2	016680115
200	130	2	016680120
250	165	1	016680125
300	176	1	016680130

1670

squares
made from ground steel



L mm	L1 mm		
100	70	3	016700010
150	100	3	016700015
200	130	3	016700020
250	160	3	016700025
300	175	3	016700030
400	230	2	016700040
500	280	2	016700050
600	330	2	016700060
800	420	1	016700080
1000	500	1	016700099

1670A

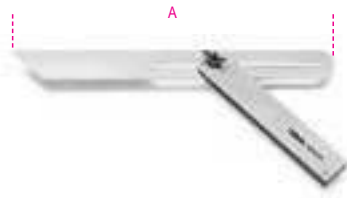
flanged precision squares
made from ground steel



L mm	L1 mm		
100	70	3	016700110
150	100	3	016700115
200	130	3	016700120
250	165	3	016700125
300	175	3	016700130
400	230	2	016700140
500	280	2	016700150
600	330	2	016700160
800	420	1	016700180
1000	500	1	016700199

1672

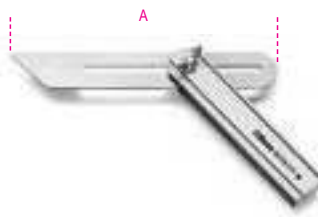
mitre square, adjustable sliding blade,
base and blade made from steel



A mm		
300	2	016720030

1672A

mitre square, adjustable,
sliding blade, aluminium base,
blades made from chrome-plated steel



A mm		
200	3	016720120
300	3	016720130

1674A

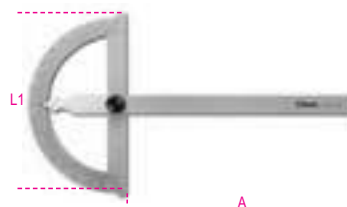
carpenter's squares blades
made from stainless steel,
with aluminium bases, double metric scale



L mm	L1 mm		
300	169	2	016740130
400	214	2	016740140

1676

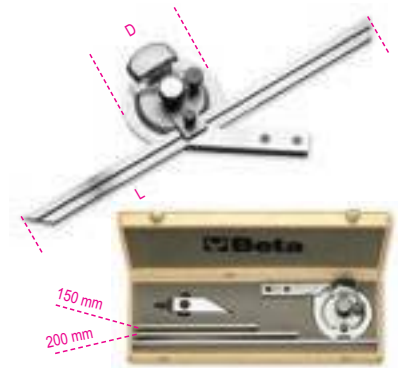
protractors made from stainless steel



A ~	A mm	L1 mm	G mm		
120	120	80	1°	2	016760012
150	165	120	1°	2	016760015
200	210	150	1°	2	016760020
300	310	200	1°	1	016760030

1678/C3

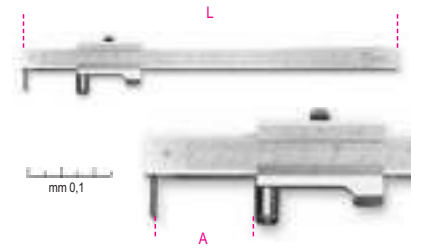
bevel protractor
made from stainless steel



1678/C3	L Max mm	D mm		
	300	70	1	016780030

1679

universal gauge with contact-roll,
made from stainless steel,
reading to 0.1 mm



L mm	A Max mm		
235	200	1	016790020

1679/PR

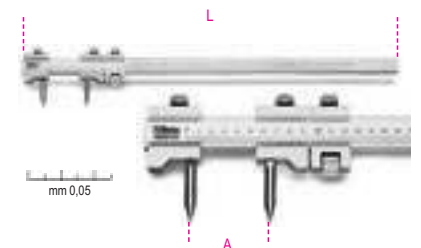
spare tip for universal gauge 1679



1679/PR		
	1	016790021

1680

trammels, hardened steel body
and tips



L mm	A Max mm		
660	500	1	016800050

1680A

inside callipers



L mm	A Max mm		
150	144	2	016800115
200	200	2	016800120
250	245	1	016800125
300	300	1	016800130

1680B

outside callipers



L mm	A Max mm		
150	155	2	016800215
200	190	2	016800220
250	235	1	016800225
300	280	1	016800230

1680C

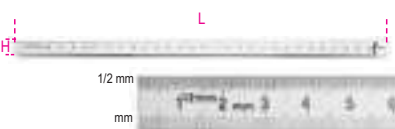
precision dividers,
hardened steel straight tips



L mm	A Max mm		
150	138	2	016800315
200	190	2	016800320
250	235	1	016800325
300	280	1	016800330

1682

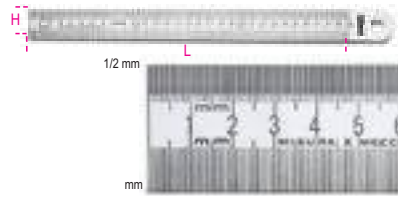
flexible graduated rules
made from stainless steel



L mm	H mm	\pm mm		
150	13	0,5	5	016820015
200	13	0,5	5	016820020
250	13	0,5	5	016820025
300	13	0,5	5	016820030
500	13	0,5	2	016820050
1000	13	0,5	2	016820100

1683

semi-rigid graduated rules
made from stainless steel



L mm	H mm	\pm mm		
300	30	1	5	016830030
500	30	1	2	016830050
1000	30	1	2	016830100
1500	30	1	1	016830150

1685/C7

assortment of 7 measuring and marking tools



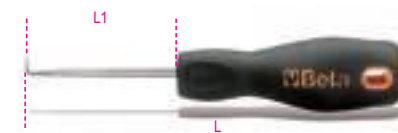
1685/C7 1 016850110

	1650	160 mm
	1658/25	0+25 mm
	1670	100 mm
	1680C	150 mm
	1682	150 mm
	1688BC	165 mm
	1688BC/R	

320x210x37 mm - 1,2 kg

1687A

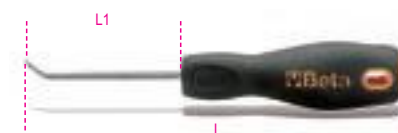
engineer's precision scribe,
tip bent at 90°, with handle



1687A L 153 mm L1 80 mm 1 016870120

1687AC

engineer's precision scribe,
short tip bent at 90°, with handle



1687AC L 153 mm L1 80 mm 1 016870125

1687D

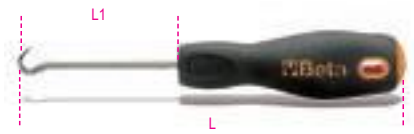
engineer's precision scribe,
straight tip, with handle



1687D L 153 mm L1 80 mm 1 016870110

1687U

engineer's precision scribe,
hook tip, with handle



1687U L 153 mm L1 80 mm 1 016870115

1687/S4

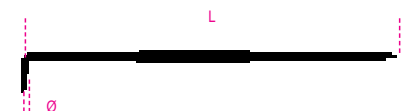
set of 4 engineer's precision scribes,
with handles



1687/S4 1 016870150
1687A-1687AC
1687D-1687U

1688

engineer's scribe
made from hardened steel



1688 L 250 mm Ø 2 mm 5 016880020

1688A

engineer's scribe
made from hardened steel



1688A L 200 mm Ø 4 mm 5 016880120

1688PC

engineer's scribe
made of chrome-plated, hardened steel



1688PC	L mm	Ø mm	1	016880300
	150	1		

1688PC/R

spare tip for item 1688PC



1688PC/R	50	016880310

1688M

carpenter's pencil



1688M	L mm	50	016880880
	180		

1690F

folding ruler made of fibreglass
precision class III



1690F/2	L m	S mm	5	016900220
	2	17		

1690L

folding ruler made of birch
precision class III



1690L/2	L m	S mm	5	016900200
	2	17		

Beta

1691BM

measuring tapes
shock-resistant bimaterial ABS casings,
steel tapes,
precision class: II



1691BM/5	L m	S mm	1	016910205
	5	25		
1691BM/8	8	32	1	016910208
1691BM/10	10	32	1	016910210

1691MG

measuring tapes with fixed magnets,
shock-resistant ABS casings,
steel tapes,
precision class: II



1691MG/5	L m	S mm	1	016910405
	5	25		
1691MG/8	8	25	1	016910408
1691MG/10	10	25	1	016910410

1692

measuring tapes,
shock-resistant bi-material ABS casings,
steel tapes,
precision class II



1692/2	L m	S mm	5	016920052
	2	16		
1692/3	3	16	5	016920053
1692/5	5	19	5	016920055
1692/8	8	25	5	016920058

1693

laser distance meter,
20 m

MEASUREMENTS:

- single distance measurement
- continuous measurement or minimal measurement

Auto off feature

Battery life: up to 4,000 measurements



CE
IP54

Technical Data:

- Measurement range: 0.05 + 20m (0.2ft+ 66ft)
- Scale selection: m, in, ft
- Measurement accuracy: ±1.5 mm (± 0.06 in)
- Laser class: 2
- Battery life: AAA 2 x 1.5V

1693 20	H mm	L mm	S mm	1	016930020
	100	36	23		

1693M

laser distance meter, multipurpose,
80 m

MEASUREMENTS:

- single distance measurement
- continuous measurement or minimal measurement

FUNCTIONS:

- addition/subtraction
- area measurement
- volume measurement
- indirect measurement (Pythagorean measurement)
- tilt measurement

Auto off feature

Soft cloth case (included)

Battery life: up to 4,000 measurements



CE
IP54

Technical data:

- Measurement range: 0.05 + 80 m (0.2 in + 229ft)
- Scale selection: m, in, ft
- Measurement accuracy: ±1.5 mm (± 0.06 in)
- Laser class: 2
- Max. storage: 99 units
- Batteries: AAA 2 x 1.5V

1693M 80	H mm	L mm	S mm	1	016930080
	115	48	29		

Beta

1694/L

measuring tapes shock-resistant ABS casings, PVC-coated fibreglass tapes, precision class III



	L m	S mm		
1694L10	10	13	1	016940110
1694L20	20	13	1	016940120

1694A/L

measuring tapes with handles, shock-resistant ABS casings, PVC-coated fibreglass tapes, precision class III



	L m	S mm		
1694A/L30	30	13	1	016940230
1694A/L50	50	13	1	016940250

1694B/L

measuring tape with handle, aluminium casing, varnished steel tape, precision class II



	L m	S mm		
1694B/L50	50	12,5	1	016940350

Beta

1695XS

pocket spirit level with magnetic V-shaped base
made from profiled aluminium
2 unbreakable vials
accuracy: 1mm/m



L mm	H mm	S mm		
70	48,5	20	5	016950250

1696

spirit levels made from anodized profile aluminium, with 2 unbreakable vials, accuracy: 1 mm/m



L mm	H mm	S mm		
200	50	19	2	016960002
400	50	19	2	016960004
500	50	19	2	016960005
600	50	19	2	016960006
800	50	19	2	016960008
1000	50	19	2	016960010

1696A

spirit levels made from die-cast aluminium, with 1 ground base and 2 unbreakable vials, accuracy: 1 mm/m



L mm	H mm	S mm		
300	43	23	2	016960103
400	43	23	2	016960104
500	43	23	2	016960105
600	43	23	2	016960106
800	43	23	1	016960108
1000	43	23	1	016960110

1696B

spirit levels with magnetic bases made from anodized profiled aluminium, 2 unbreakable vials accuracy: 1 mm/m



L mm	H mm	S mm		
200	49	22	2	016960202
300	49	22	2	016960203
400	49	22	2	016960204
500	49	22	2	016960205
600	49	22	2	016960206

1696D

spirit levels made of die-cast aluminium with handles, 4 ground bases and 3 unbreakable vials, accuracy: 1 mm/m



L mm	H mm	S mm		
300	47	25	2	016960353
400	47	25	2	016960354
500	47	25	2	016960355
600	47	25	2	016960356

1696S

levelling staffs made from aluminium, with 2 unbreakable vials



L mm	H mm	S mm		
1500	90	25	1	016960415
2000	90	25	1	016960420
2500	90	25	1	016960425
3000	90	25	1	016960430

Beta

Beta

1697

cross laser level,
30 metres, green beam,
with magnetic base and wall-mount bracket,
in case

TECHNICAL SPECIFICATIONS:

- self-levelling cross
- self-levelling function can be switched off for manual use
- laser diode 515 Nm, class 2
- working range: 30 m
- accuracy: ± 1 mm at 5 m
- self-levelling range: $3^\circ \pm 0.5^\circ$

- body made of ABS and nonslip rubber
- 1/4" female drive
- 2xAA batteries
- battery life: 4 hours

BASE:

- 1 magnetic base for individual and combined use, 1/4" male drive
- 1 adjustable tightening bracket for several wood and metal profiles (for use in combination with magnetic base)
- quick horizontal and vertical alignment at a 90° angle

CE

IP55



H mm	L mm	S mm
82	57	89,5

1	016970030
---	-----------

320x230x90 mm

1699L

precision surface level made from
die-cast iron with ground prismatic
base, 2 unbreakable vials,
accuracy: 0.05 mm/m



DIN 877

L mm	A mm
1699L 200	49

1	016990002
---	-----------

1699L/1

precision surface level made
from die-cast iron with ground prismatic
base, 2 unbreakable vials,
accuracy: 0.02 mm/m



DIN 877

L mm	A mm
1699L/1 200	49

1	016990005
---	-----------

1699Q

precision square levels made from
die-cast iron with 2 prismatic bases
and 2 ground flat bases, 2 unbreakable vials,
accuracy: 0.05 mm/m



DIN 877

L mm	A mm
1699Q 150	40
200	48

1	016990015
1	016990020

1700N

masonry points



L mm	S mm
1700N 250	16
300	16

5	017000005
5	017000006

1700N/PM

masonry points
with hand guards



L mm	S mm
1700N/PM 250	16
300	16

2	017000105
2	017000106

1701N

masonry chisels



L mm	A mm	S mm
1701N 250	23	16
300	23	16

5	017010001
5	017010003

1701N/PM

masonry chisels
with hand guards

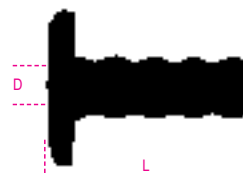


L mm	A mm	S mm
1701N/PM 250	23	16
300	23	16

2	017010101
2	017010103

1701PMR

hand guards for items 1700N and 1701N



D mm	L mm
1701PMR 16	115

1	017010206
---	-----------

1701NE/...

electrician's chisels



	SxL mm
1701NE3	10x200
1701NE4	10x250

5	017010406
5	017010409

1702N

extra-wide chisels



A mm	SxH mm
1702N 50	13x23
70	13x23

2	017020005
2	017020007

1702N/PM

extra-wide chisels
with hand guards



A mm	SxH mm
1702N/PM 50	13x23
70	13x23

2	017020105
2	017020107



We recommend frequent cooling
of the tool while regrinding it.

1702PMR

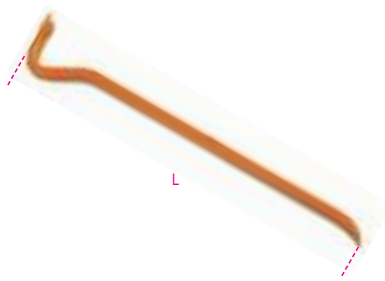
hand guard for item 1702N



L mm
1702PMR 115

1	017020200
---	-----------

1704
carpenter's wrenching bars



L mm	5	mm	mm		
500	16	35	28	2	017040050
600	16	34	26	2	017040060
800	18	38	29	2	017040080

1704A
crow bars with open and pointed edges



L mm	5	mm		
1500	25	45	1	017040110
2000	28	55	1	017040120

1704C
crow bars with closed and pointed edges



L mm	8	mm-MAX	mm		
1200	21-31	39	1	017040210	
1400	31-37	42	1	017040212	
1600	25-37	42	1	017040215	

1705
chalk line reel made from aluminium



L m				
1705	30	4	017050001	

1705PT
chalk powder



g			
250	5	017050025	

1706DGT
digital depth gauge for tyre threads



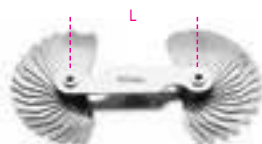
1706DGT	1	017060011
---------	---	-----------

1707
screw pitch gauge
For ISO 60° metric and Whitworth 55° threads



P (ISO)	W		
0,25÷6	62÷4x1"	5	017070001

1707A/1-2-3
radius gauges,
concave and convex steel blades



	R	L		
	mm	mm	n	
1707A/1	1,0÷7,0	70	34	2 017070007
1707A/2	7,5÷15	85	32	2 017070015
1707A/3	15,5÷25	85	30	2 017070025

1708/8-13-20
metric feeler gauges



1708/8	S = 0,05±0,50 mm	5	017080008
1708/13	S = 0,05±1,00 mm	5	017080013
1708/20	S = 0,05±1,00 mm	5	017080020

1709/10-1709/18
nut splitters



	L mm	A max mm		
1709/10	90	17 (M10)	1	017090010
1709/18	108	25 (M16)	1	017090018

1710
hydraulic nut splitters



C min mm	C max mm		
7(M4)	22(M14)	1	017100001

1712E/1-2-3
flexible magnetic pick up tools

F = magnetic power



	L mm	D mm	F kg		
1712E/1	420	7,5	0,5	2	017120011
1712E/2	530	15	1,8	2	017120012
1712E/3	532	19	3,0	2	017120013

1712TF
telescopic magnet with flexible head

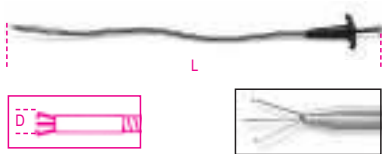
• With washer jet cleaner
F = magnetic force



L mm	D mm	F kg		
150÷590	11	1	1	017120600

1713M

flexible pickup tools



L mm	D mm		
500	7	2	017130011
1000	7	1	017130015

1714

inspection mirror made from plastic



L mm	D mm		
1714	155	25	5 017140001

1715

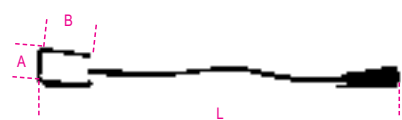
telescopic joint inspection mirror
chrome-plated metal body



L mm	D mm		
1715	180+540	30	1 017150001

1715FL/A

square flexible inspection mirror



L mm	A mm	B mm		
1715FL/A	600	53	90	1 017150110

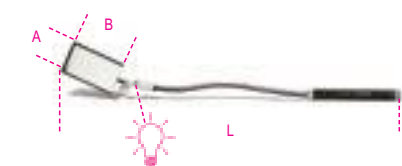
1715R/FL

kit of 2 inspection mirrors for items 1715FL/A and 1715FL/B

1715R/FL	1	017150151
----------	---	-----------

1715FL/B

rectangular flexible inspection mirror
with light



L mm	A mm	B mm		
1715FL/B	553	53	90	1 017150115

1715B/R5L

kit of 5 spare light bulbs for item 1715FL/B

1715B/R5L	1	017150152
-----------	---	-----------

1716A

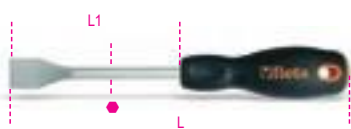
angled bit for general use



L mm	L1 mm	mm		
1716A	240	125	6	3 017160040

1716P

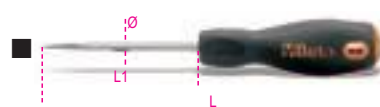
packing scraper



L mm	L1 mm	mm		
1716P	250	125	6	3 017160020

1716Q

square bit reamer



L mm	L1 mm	Ø mm		
1716Q	215	100	6	5 017160010

1716R

round bit reamer



L mm	L1 mm	Ø mm		
1716R	215	100	6	5 017160001

1716U

hook bit for general use



L mm	L1 mm	Ø mm		
1716U	195	80	6	3 017160025

1717A

scrapers, two cutting edges



L mm	L1 mm	L2 mm		
1717A	150	70	260	2 017170015
	200	75	310	2 017170020
	250	100	360	2 017170025

1717B

scrapers, three cutting edges



L mm	L1 mm	L2 mm		
1717B	150	75	260	2 017170115
	200	85	310	2 017170120
	250	100	360	2 017170125

1717C

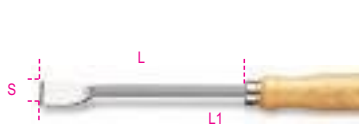
flat scrapers, varnished



L mm	S mm	L1 mm		
1717C	150	18	270	2 017170215
	200	20	320	2 017170220
	250	25	370	2 017170225

1717D

flat scraper, front cut



L mm	S mm	L1 mm		
1717D	150	150	23 240	2 017170320

1717T

triangular blade scrapers,
complete with 2 blades



L mm		
1717T	310	1 017170610

1717T RT

spare triangular blades



L mm		
1717T RT	65	1 017170660

1717T RS

spare shaped blades



1717T RS	1	017170661
----------	---	-----------

1717V

paint scrapers,
blades can be used on several sides



	L mm	A mm		
1717V 38	200	38	1	017170703
1717V 65	285	65	1	017170706

1717V R

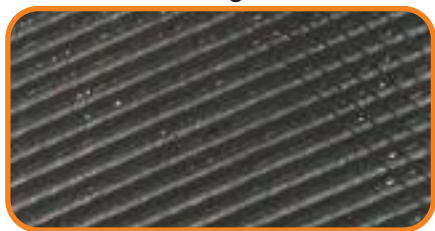
spare blades for item 1717V



	L mm			
1717V R38	38		1	017170753
1717V R65	65		1	017170756

CUTS OF ENGINEER'S FILES

Rough



Second-cut



Smooth



1718D...Q

rough square files, without handles



	L mm	A mm		
1718D6/Q	150	6	5	017180121
1718D8/Q	200	8	5	017180131
1718D10/Q	250	10	5	017180141

1718A...Q

second-cut square files, without handles



	L mm	A mm		
1718A6/Q	150	6	5	017180021
1718A8/Q	200	8	5	017180031
1718A10/Q	250	10	5	017180041

1718D...T

rough triangular files, without handles



	L mm	A mm		
1718D6/T	150	6	5	017180123
1718D8/T	200	8	5	017180133
1718D10/T	250	10	5	017180143

1718A...T

second-cut triangular files, without handles



	L mm	A mm		
1718A6/T	150	6	5	017180023
1718A8/T	200	8	5	017180033
1718A10/T	250	10	5	017180043

1718D...P

rough flat files, without handles



	L mm	A mm		
1718D6/P	150	6	5	017180125
1718D8/P	200	8	5	017180135
1718D10/P	250	10	5	017180145

1718A...P

second-cut flat files, without handles



	L mm	A mm		
1718A6/P	150	6	5	017180025
1718A8/P	200	8	5	017180035
1718A10/P	250	10	5	017180045

1718D...M

rough half-round files, without handles



	L mm	A mm		
1718D6/M	150	6	5	017180127
1718D8/M	200	8	5	017180137
1718D10/M	250	10	5	017180147

1718A...M

rough half-round files, without handles



	L mm	A mm		
1718A6/M	150	6	5	017180027
1718A8/M	200	8	5	017180037
1718A10/M	250	10	5	017180047

1718D...R

rough round files, without handles



	L mm	A mm		
1718D6/R	150	6	5	017180129
1718D8/R	200	8	5	017180139
1718D10/R	250	10	5	017180149

1718A...R

second-cut round files, without handles



	L mm	A mm		
1718A6/R	150	6	5	017180029
1718A8/R	200	8	5	017180039
1718A10/R	250	10	5	017180049

1718D...S5

set of 5 rough files, without handles



	L mm	A mm		
1718D6/S5	150	6	1	017180130
1718D8/S5	200	8	1	017180140
1718D10/S5	250	10	1	017180150

1718A...S5

set of 5 second-cut files, without handles



	L mm	L "		
1718A6/S5	150	6	1	017180030
1718A8/S5	200	8	1	017180040
1718A10/S5	250	10	1	017180050

1719BMD...Q

rough square files, with handles



	L mm	L "		
1719BMD6/Q	150	6	5	017190191
1719BMD8/Q	200	8	5	017190221
1719BMD10/Q	250	10	5	017190241
1719BMD12/Q	300	12	3	017190325

1719BMA...Q

second-cut square files, with handles



	L mm	L "		
1719BMA6/Q	150	6	5	017190021
1719BMA8/Q	200	8	5	017190052
1719BMA10/Q	250	10	5	017190071
1719BMA12/Q	300	12	3	017190311

1719BMX...Q

smooth square files, with handles



	L mm	L "		
1719BMX6/Q	150	6	5	017190022
1719BMX8/Q	200	8	5	017190053
1719BMX10/Q	250	10	5	017190072

1719BMD...T

rough triangular files, with handles



	L mm	L "		
1719BMD6/T	150	6	5	017190193
1719BMD8/T	200	8	5	017190223
1719BMD10/T	250	10	5	017190243
1719BMD12/T	300	12	3	017190326

1719BMA...T

second-cut triangular files, with handles



	L mm	L "		
1719BMA6/T	150	6	5	017190023
1719BMA8/T	200	8	5	017190054
1719BMA10/T	250	10	5	017190073
1719BMA12/T	300	12	3	017190313

1719BMX...T

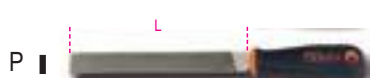
smooth triangular files, with handles



	L mm	L "		
1719BMX6/T	150	6	5	017190024
1719BMX8/T	200	8	5	017190055
1719BMX10/T	250	10	5	017190074

1719BMD...P

rough flat files, with handles



	L mm	L "		
1719BMD6/P	150	6	5	017190195
1719BMD8/P	200	8	5	017190225
1719BMD10/P	250	10	5	017190245
1719BMD12/P	300	12	3	017190327

1719BMA...P

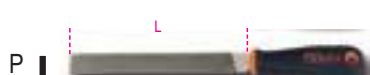
second-cut flat files, with handles



	L mm	L "		
1719BMA6/P	150	6	5	017190025
1719BMA8/P	200	8	5	017190056
1719BMA10/P	250	10	5	017190075
1719BMA12/P	300	12	3	017190315

1719BMX...P

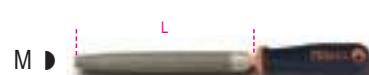
smooth flat files, with handles



	L mm	L "		
1719BMX6/P	150	6	5	017190026
1719BMX8/P	200	8	5	017190057
1719BMX10/P	250	10	5	017190076

1719BMD...M

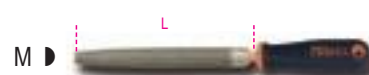
rough half-round files, with handles



	L mm	L "		
1719BMD6/M	150	6	5	017190197
1719BMD8/M	200	8	5	017190227
1719BMD10/M	250	10	5	017190247
1719BMD12/M	300	12	3	017190328

1719BMA...M

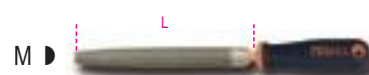
second-cut half-round files, with handles



	L mm	L "		
1719BMA6/M	150	6	5	017190027
1719BMA8/M	200	8	5	017190058
1719BMA10/M	250	10	5	017190077
1719BMA12/M	300	12	3	017190317

1719BMX...M

smooth half-round files, with handles



	L mm	L "		
1719BMX6/M	150	6	5	017190028
1719BMX8/M	200	8	5	017190059
1719BMX10/M	250	10	5	017190078

1719BMD...R

rough round files, with handles



	L mm	L "		
1719BMD6/R	150	6	5	017190199
1719BMD8/R	200	8	5	017190229
1719BMD10/R	250	10	5	017190249
1719BMD12/R	300	12	3	017190329

1719BMA...R

second-cut round files, with handles



	L mm	L "		
1719BMA6/R	150	6	5	017190029
1719BMA8/R	200	8	5	017190060
1719BMA10/R	250	10	5	017190079
1719BMA12/R	300	12	3	017190319

1719BMX...R

smooth round files, with handles



	L mm	L "		
1719BMX6/R	150	6	5	017190031
1719BMX8/R	200	8	5	017190061
1719BMX10/R	250	10	5	017190081

1719BMA...B5

set of 5 second-cut files, with handles, in wallet



	L mm	L "		
1719BMA8/B5	200	8	1	017190297
1719BMA10/B5	250	10	1	017190298

1719BMD...B5

set of 5 rough files, with handles, in wallet



	L mm	L "		
1719BMD8/B5	200	8	1	017190303
1719BMD10/B5	250	10	1	017190305

1719BMD...S5

set of 5 rough files, with handles



	L mm	L "		
1719BMD6/S5	150	6	1	017190200
1719BMD8/S5	200	8	1	017190230
1719BMD10/S5	250	10	1	017190250
1719BMD12/S5	300	12	1	017190363

1719BMA...S5

set of 5 second-cut files, with handles



	L mm	L "		
1719BMA6/S5	150	6	1	017190030
1719BMA8/S5	200	8	1	017190070
1719BMA10/S5	250	10	1	017190080
1719BMA12/S5	300	12	1	017190361

1719BMX...S5

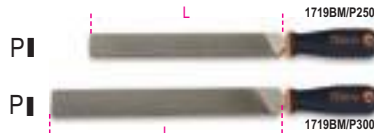
set of 5 smooth files, with handles



	L mm	L "		
1719BMX6/S5	150	6	1	017190032
1719BMX8/S5	200	8	1	017190069
1719BMX10/S5	250	10	1	017190082

1719BMB/P

universal cut flat files, plastic handles



L mm	L "		
250	10	5	017190152
300	12	5	017190153

1719BMC

half-round and flat files, plastic handles



UNI 5569 - UNI 5568

	L mm	L "		
1719BMC/M 250	250	10	6	017190252
1719BMC/M 300	300	12	4	017190253
1719BMC/P 250	250	10	6	017190262
1719BMC/P 300	300	12	4	017190263

1719BM/RR

round rasp, plastic handle



	L mm	L "		
1719BM/RR	200	8	5	017190351

1719BM/RL

flat rasp file, plastic handle



	L mm	L "		
1719BM/RL	200	8	5	017190360

1719BMR

handles for files

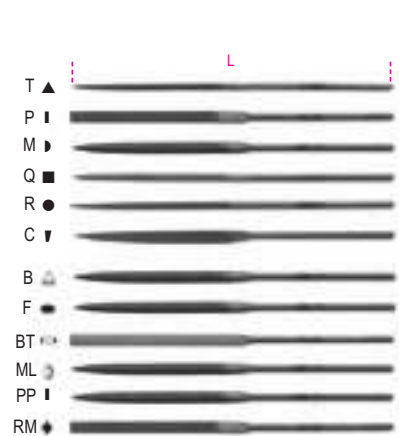


	L mm	A mm		
1719BMR/0	95	25	10	017190950
1719BMR/0B	110	29	10	017190955
1719BMR/1	110	29	10	017190951
1719BMR/1B	110	29	10	017190953
1719BMR/2	123	31	10	017190952
1719BMR/2B	123	31	10	017190954

	mm	"		
1719BMR/0	100/150	4/6	▲▲	●●
1719BMR/0B	100/150	4/6	■●	●●
1719BMR/1	150/200	6/8	▲▲	●●
1719BMR/1B	150/200	6/8	■●	●●
1719BMR/2	250/300	10/12	▲▲	●●
1719BMR/2B	250/300	10/12	■●	●●

1720/...

second cut needle files, shaft Ø 3 mm



UNI 5569 UNI 5670

	L mm		
1720T	160	5	017200004
1720P	160	5	017200006
1720M	160	5	017200008
1720Q	160	5	017200009
1720R	160	5	017200010
1720C	160	5	017200012
1720B	160	5	017200005
1720ML	160	5	017200007
1720BT	160	5	017200011
1720F	160	5	017200013
1720PP	160	5	017200014
1720RM	160	5	017200015



1720/S3		1	017200000

1720/B

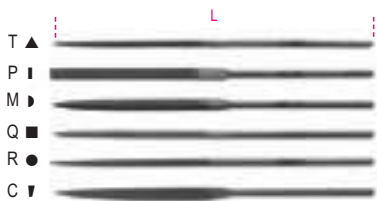
set of 6 needle files in plastic wallet



1720/B6		1	017200002
1720/B12		1	017200003

1720D/...

diamond needle files
grit D126



	L mm		
1720D/T	160	2	017200104
1720D/P	160	2	017200106
1720D/M	160	2	017200108
1720D/Q	160	2	017200109
1720D/R	160	2	017200110
1720D/C	160	2	017200112



1720D/B6	1	017200120
----------	---	-----------

1721/B6

set of 6 files for ignition contacts
in plastic wallet



1721/B6	1	017210010
---------	---	-----------

1723

spring puller



	L mm		
1723	210	5	017230001

1725

hacksaw frame



	L mm	L1 mm		
1725	420	300	4	017250001

1725CR

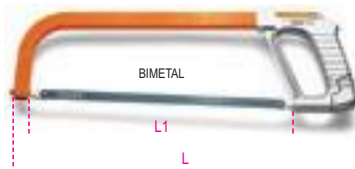
mini hacksaw frame



	L mm	L1 mm		
1725CR	250	150	5	017250010

1726

hacksaw frame, blade attachment
system in the handle



	L mm	L1 mm		
1726	440	300	4	017260001

1726BM

hacksaw frame with quick release blade
attachment system



	L mm	L1 mm		
1726BM	400	300	1	017260050

1727

hacksaw frame, heavy series



	L mm	L1 mm		
1727	515	300	4	017270001

1727BM

hacksaw frame,
one hand grip



	L mm	L1 mm		
1727BM	315	300	5	017270020

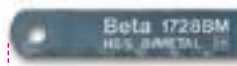
1728...

blades for hacksaw frames

1728LA

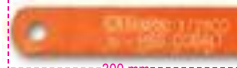


1728BM
(HSS-BIMETAL)



24x1*

1728CO
(HSS-BIMETAL
COBALT)



1728LA	100	017280001
--------	-----	-----------

1725CR		
--------	--	--

1725MQ		
--------	--	--

1728BM	100	017280010
--------	-----	-----------

1725-1726		
-----------	--	--

1727-1727M		
------------	--	--

1728CO	50	017280030
--------	----	-----------

1725-1726		
-----------	--	--

1727-1727M		
------------	--	--

1729CG

plasterboard saw



	L mm	L1 mm		
1729CG	310	160	2	017290200

1729DM 450

wood rip saw

medium toothing, 12 teeth/inch



	L mm	L1 mm		
1729DM 450	450	400	4	017290450

1730

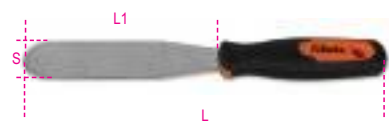
universal spatulas, with stainless steel blades
and handles



S mm	L mm	L1 mm		
38	210	85	2	017300038
63	220	95	2	017300063
75	220	95	2	017300075
100	220	95	2	017300100

1730M

mixer spatulas,
with stainless steel blades and handles



L1 mm	L mm	S mm		
150	245	27	2	017300215
200	330	28	2	017300220
250	365	36	2	017300225

1730V 38

glazier's spatula,
knife blade made from stainless steel



S mm	L mm	L1 mm		
38	225	100	2	017300338

1736A

file brush
stainless steel wires,
wire Ø: 0.5 mm



1736A L mm 240 10 017360010

1737

brush, corrugated brass wires,
wire Ø: 0.2 mm



1737 L mm 145 10 017370001

1737NX

brake shoe cleaning brush, brassed steel
wires,
wire Ø: 0.3 mm



1737NX L mm 270 5 017370010

1737AC

steel wire brush,
5 rows,
wire Ø: 0.3 mm



1737AC L mm 275 5 017370020

1737B

pairs of vehicle battery lug
and post cleaner steel brushes,
steel wire
wire Ø: 0.3 mm



1737B 1 017370050

1738

bristle brush



1738 L mm 210 H mm 30 10 017380001

1739B

lazy tongs riveter, supplied
with 5 interchangeable nozzles



max 830 mm
Ø mm 3,2 4 4,8 5 6 6,4
Aluminium • • • • •
Stainless steel • • • •

1739B 1 017390151

1740A

heavy duty riveting pliers supplied
with 5 interchangeable nozzles



525 mm
Ø mm 3,2 4 4,8 5 6 6,4
aluminium • • • • •
stainless steel • • • •

1740A 1 017400101

1740B

compact heavy-duty riveting pliers,
supplied with 5 interchangeable nozzles



Ø mm 2,4 3 3,2 3,2 4,8
aluminium • • • • •
steel • • • • •
stainless steel • • • • •

1740B 280 L mm 280 1 017400280

Ø mm 2,4 3,2 4,0 4,8 6,4
aluminium • • • • •
steel • • • • •
stainless steel • • • • •

1740B 330 L mm 330 1 017400330

1741B

riveting pliers supplied
with 4 interchangeable nozzles



250 mm
Ø mm 2,4 3,2 4 4,8 5
Aluminium • • • • •
Steel • • • • •
Stainless steel • • •

1741B 1 017410000

 **Beta**

 **Beta**

1741B/C5

riveting pliers item 1741B with assortment of 700 aluminium rivets



1741B/C5 1 017410025

	Ø	L	n.
	mm	mm	
1741RV2,9K	3,0	6	200
1741RV3,2K	3,2	8	200
1741RV3,8K	4,0	10	100
1741RV4K	4,0	12	100
1741RV4,8K	4,8	12	100

415x155x60 mm - 3,1 Kg

1741BP

riveting pliers supplied with 4 interchangeable nozzles



Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741BP 1 017410350

1741U

ultra compact riveting pliers with adjustable force

with 4 interchangeable nozzles
3 legs: enhanced rivet hold

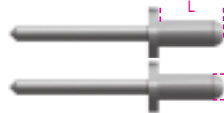


Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741U 1 017410450

1741RV...K

aluminium rivets



1741RV 2,9K	1 017410191
ØxL = 3x6 mm	
1741RV 3,2K	1 017410192
ØxL = 3,2x8 mm	
1741RV 3,8K	1 017410193
ØxL = 4x10 mm	
1741RV 4K	1 017410194
ØxL = 4x12 mm	
1741RV 4,8K	1 017410195
ØxL = 4,8x12 mm	

The prices shown are for 500 pieces

1742

riveting pliers for threaded rivets, with 4 interchangeable mandrels (1x M3;M4;M5;M6)



1742 1 017420001

M	Ø	L
	mm	mm
3	5	11
4	6	11
5	7	13
6	9	17

1742KR

spare mandrels for item 1742



M3	1 017420043
M4	1 017420044
M5	1 017420045
M6	1 017420046

1742R-AL/M...

aluminium threaded rivets for items 1742-1742A-1946KF



1742R-AL M3	1 017420023
ØxL = 5x10 mm	
M = 3	
1742R-AL M4	1 017420024
ØxL = 6x12 mm	
M = 4	
1742R-AL M5	1 017420025
ØxL = 7x13 mm	
M = 5	
1742R-AL M6	1 017420026
ØxL = 9x15 mm	
M = 6	

The prices shown are for 20 pieces

1742R-A/M...

steel threaded rivets for items 1742-1742A-1946KF



1742R-A M3	1 017420013
ØxL = 5x11 mm	
M = 3	
1742R-A M4	1 017420014
ØxL = 6x11 mm	
M = 4	
1742R-A M5	1 017420015
ØxL = 7x13 mm	
M = 5	
1742R-A M6	1 017420016
ØxL = 9x17 mm	
M = 6	
• 1742R-A M8	1 017420018
ØxL = 11x17 mm	
M = 8	
• 1742R-A M10	1 017420020
ØxL = 13x24 mm	
M = 10	

The prices shown are for 20 pieces
• The prices shown are for 10 pieces

1742/C4

riveting pliers item 1742 with assortment of 400 threaded steel insets



1742/C4 1 017420005

	M	Ø	n.
		mm	
1742R-A/M3	3	5	100
1742R-A/M4	4	6	100
1742R-A/M5	5	7	100
1742R-A/M6	6	9	100

415x155x60 mm - 2,9 kg

1742A

heavy duty riveting pliers for threaded insets, with 4 interchangeable mandrels



1742A 1 017420100

M	Ø	L
	mm	mm
5	7	13
6	9	17
8	11	17
10	13	24

1742A/KR

spare pins for item 1742A



1742A/KR M5	M5	1	017420143
1742A/KR M6	M6	1	017420144
1742A/KR M8	M8	1	017420145
1742A/KR M10	M10	1	017420146

1742A/C

riveting pliers item 1742A with assortment of 60 threaded steel inserts



1742A/C	1	017420105
---------	---	-----------

	M	∅ mm	n.
1742R-A/M5	5	7	20
1742R-A/M6	6	9	20
1742R-A/M8	8	11	10
1742R-A/M10	10	13	10

536x310x80 mm - 2,1 kg

1749

bonding gun varnished metal sheet



	L min mm		
1749	340	2	017490001

1749A

bonding gun, professional model aluminium tube



	L min mm		
1749A	360	1	017490010

1749A/RB

spare spouts for item 1749A

1749A/RB	1	017490051
----------	---	-----------

1749A/RT

front screw plugs for item 1749A

1749A/RT	1	017490052
----------	---	-----------

1749AC

high thrust gun for chemical binders



	L min mm		
1749AC	360	1	017490005

1750

lever operated grease guns

Can be used with cartridges 1750CG or loose grease



1 g, 550 bar Max

1750CG	cc	L mm		
400	500	380	1	017500500
600	750	450	1	017500750

1750R/1 - 1750R/2

spare flexible hose made from nylon



	L mm		
1750R/1	310	2	017500030
1750R/2	410	2	017500040

1750RC

curved rigid hose



	L mm	M mm		
1750RC	150	10x1	2	017500050

1750RT

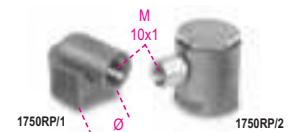
4-jaw grease fitting "Hydraulic" type



	M mm		
1750RT	10x1	5	017500110

1750RP/1 - 1750RP/2

heads for flat nozzles



	∅ mm	M mm		
1750RP/1	16	10x1	2	017500115
1750RP/2	22	10x1	2	017500120

1750CG

grease cartridges for item 1750



	cc		
400		18	017500140
600		18	017500160

1750KG10

lever-operated grease gun, 10 kg,
with high-pressure hose, 2 m

complete with swivel fitting, to avoid choking hose
die-cast aluminium pump body with check valve

3 different pressure levels available:

- 4 g at 275 bar
- 7 g at 206 bar
- 9 g at 137 bar



312,5
mm

1750KG10 1 017500100

1750TA

high-pressure, self-locking 6-pin grease nozzle

Once positioned, it remains on axis and connected to nipple;
it does not have to be held like common nozzles

Easy to disconnect, even when with pressurized nozzle

Thread M10x1: suitable for all types of grease guns: electric,
pneumatic, manual etc.

Deformation-free up to 550 bar



17 mm
30 mm

1750TA 1 017500111

1750TLA

high-pressure, self-locking 6-pin grease
nozzle, long version

- Once positioned, it remains on axis and connected to nipple
- Easy to disconnect, even with pressurized nozzle
- Thread M10x1: suitable for all types of grease guns: electric,
pneumatic, manual etc.
- Deformation-free up to 550 bar



17 mm
80 mm

1750TLA 1 017500112

1750M

mini grease gun

- With micro nozzle
- Particularly suitable for pneumatic tools



Ø 0,5 mm

Ø

	cc	D mm	L mm		
1750M	100	43	145	1	017500025

1750M3

mini grease gun, with 3 nozzles

- fitted with three interchangeable nozzles: 0.7 - 1.0 - 1.4 mm
- particularly suitable for lubricating pneumatic tools
- can be used with loose grease



Ø 0,7 mm

Ø 1,0 mm
Ø 1,4 mm

Ø

	cc	Ø mm	L mm		
1750M3	85	42	160	1	017500003

1751N

metal pressure oil cans,
flexible spouts



	cc	D mm	L mm		
200	62	140	4	017510020	
300	75	140	4	017510030	
500	85	140	4	017510050	
750	100	140	2	017510075	
1000	100	140	2	017510100	

1751NR

spare spout
for item 1751N



200÷1000 5 017510110

1752

plastic pressure cans, rigid spouts



	cc	D mm	L mm		
200	67	140	4	017520002	
300	77	140	4	017520003	
500	95	140	4	017520005	
700	95	140	2	017520007	

1752R

spare spout for item 1752



200÷700 5 017520020

1753

plastic pressure oil cans, flexible spouts



	cc	D mm	L mm		
200	65	190	4	017530002	
300	80	190	4	017530003	
500	95	190	4	017530005	
700	95	190	2	017530007	

1753R

spare spout for item 1753



200÷700 5 017530020

1754

plastic pressure oil cans flexible plastic spouts



cc	D mm	L mm		
150	60	130	5	017540015
250	65	130	5	017540025

1755

plastic oil bottles retractable spouts



cc	L mm	A mm		
30	160	30	5	017550003
80	170	47	5	017550008
150	230	58	5	017550015

1756

pen oiler

suitable for use with mineral oils



cc	L mm		
5	140	2	017560001

1756B

pen oiler

- with non-slip knurl
- operating temperature: -10 °C - +60 °C
- minimum density of SAE 10 oil



cc	L mm		
500	280	2	017560220

1756C

suction gun, 200 ml, made from polypropylene

- also suitable for braking system fluid
- double EPDM gasket
- operating temperature: +0 °C ÷ +50 °C
- usable minimum oil density; ISO 150, SAE 90 (gearbox oil), SAE 40 (engine oil)

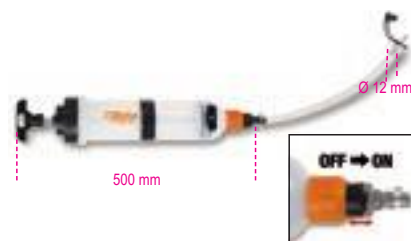


1756C	1	017560502
-------	---	-----------

1756D

suction gun, 1500 ml, made of polypropylene

- Double NBR gasket
- Operating temperature: +0 - +50 °C
- NOT suitable for fuel



1756D	1	017560515
-------	---	-----------

1756G

diesel oil gun capacity: 1.5 l

- Can be used to:
- fill diesel oil filters
 - fill Cerina tank



Kit contents:

- 2 pipes with female quick couplings for connecting diesel oil pipes
- 2 male quick couplings, made of metal
- 1 cone-shaped adapter for rubber pipes

1756G	1	017560615
-------	---	-----------

1756C-20R

O-rings (pair) for suction guns 1756C

1756C-20R	1	017560503
-----------	---	-----------

1756D-20R

O-rings (pair) for suction guns 1756D

1756D-20R	1	017560516
-----------	---	-----------

1757

battery fillers



cc	D mm		
250	60	4	017570002
500	75	4	017570004
1000	90	2	017570006

1757A

battery filler



cc			
2000		1	017570020

1758

self-adapting funnel

particularly useful for cars with no depth in inlet plugs



1758	1	017580020
------	---	-----------

1758ADB-D

non-return funnel for AdBlue®, with straight coupling



1758 ADB-D	I Max	1	017580050
------------	-------	---	-----------

1758ADB-45°

non-return funnel for AdBlue®, with 45° coupling



1758 ADB-45° ^{Max} 1 017580060

1758A

non-return funnel with quick coupling, Ø 38 mm
For Volkswagen group cars



1758A 1 017580010

1758B

non-return funnel with quick couplings
Particularly suitable for VAG cars



1758B 1 017580030

1758B-1,6

non-return funnel, 1600 ml, with quick couplings
quick couplings for VAG group vehicles



1758B-1,6 ^{H1 H2 Ø} 125 100 155 1 017580033

1758B-RNT

non-return quick coupling for funnel item 1758B - 1758B-1,6

for Renault 1.5 dCi engine



1758B-RNT 1 017580035

1758B/K5

kit of non-return quick coupling adapters, for funnel 1758B - 1758B-1,6

Kit contents:
• 1 adapter for 1.5 dCi Renault, Dacia, Nissan engines
• 1 adapter for 1.5/1.6 dCi Renault, Dacia, Nissan engines
• 1 adapter for 3.0 BMW diesel engines
• 1 adapter for 1.5/2.0 petrol engines, VAG group
• 1 connecting adapter for funnel, with tap



1758B/K5 1 017580040

1758LG

formable, rubber-covered aluminium foil, for canalizing liquids



L H mm mm 1 017580006

1758M

funnel



1758M L mm 350 1 017580000

1758R

liquid containers

Convenient, removable, flexible spout



1758R 1 1 1 017580201
1758R 2 2 1 017580202
1758R 3 3 1 017580203
1758R 5 5 1 017580205

1758VT

cylinder head testing kit

Quickly indicates whether expansion tank contains any carbon dioxide.



1758VT 1 017580100

290x190x50 mm - 1kg

1758VT/L

contrast liquid for testing cylinder heads



1758VT/L 1 017580101

1759

optical analyzer for coolant, battery, windscreen and AdBlue® fluids
Supplied in a hard case

Automatic temperature compensation
Battery acid: measurement range:
1.1+1.3 kg/l
Propylene coolant: -25 °C + -50 °C
Ethylene coolant: -25 °C + -50 °C
Windscreen fluid: -25 °C + -40 °C
AdBlue: Urea percent measurement: 30% + 45%



1759 1 017590251

1759A

antifreeze densimeter, glass body



1759A 340 L 1 017590001

1759B

acid densimeter, glass body



1759B 280 L mm 1 017590005

1759HD/3

cooling system seal testing and circuit filling tools

• Make it possible to check circuit (pipes, joints, pumps, radiators) for leaks under pressure and quickly fill circuit, avoiding air bubble formation



1759HD/3 1 017590063
600x500x140 mm - 6,5 kg

1759HD/RR

cooling system filling tool



1759HD/RR 1 017590064
450x310x110 mm - 2,2 kg

1759LR

cooling system washing tool

based on the use of compressed air, high water pressure allows for effective cleaning system washing

- supplied with 6 system connection adapters
- operating lever with position locking for continuous use
- supplied with a water quick coupling



1759LR 402 L mm 1 017590070
390X330X100

1759HD/TRUCK

truck cooling system testing and sealing tool



1759HD/TRUCK 1 017590065
440x330x100 mm - 3 kg

1759TT

kit of 4 pairs of turbo circuit testing caps, for use with tyre inflators



1759TT 1 017590300
400x160x100 mm - 1,8 kg

CERTIFICATION SERVICE FOR ELECTRONIC INSTRUMENTS

Certification of such electronic measuring instruments as Multimeters, Amperometric Clamps, **Tachometers** and **Thermometers** is essential in the sectors or fields of application where precise, unambiguous, recognizable measurements are required.

For infrared thermometers, a 4-point calibration report (minimum, maximum and two intermediate points) with ENAC traceability is issued.

On request, Beta Utensili S.p.A. provides the certification service. To receive this service, please contact your dealer.



1760DGT

digital automotive multimeter



- Technical Data:**
- **RPM (tachometer):**
For 2 and 4 cylinder engines
RPM4 600 - 4000 RPM
RPM4 600 - 12000 RPM (x10 RPM)
RPM2/DIS 300 - 4000 RPM
RPM2/DIS 300 - 6000 RPM (x10 RPM)
 - **Dwell angle:** 4-8 CYL
 - **DC voltage:** 400mV-4/40/400/1000V
 - **AC voltage:** 4/40/400/700V
 - **DC current:** 40/400mA-4/20A
 - **AC current:** 40/400mA-4/20A
 - **Resistance:** 400Ω-4/40/400kΩ-4/40MΩ
 - **Capacity:** 40/400nF-4/40/100μF
 - **Frequency:** 5/50/500Hz-50/500-10MHz
 - **Duty cycle:** 0.1% - 99.9%
 - **Pulse amplitude:** 1 - 10ms
 - **Diode test:** Test current 0.3mA
 - **Continuity:** <150Ω - Test current <0.3mA
 - **Display:** High-contrast, backlight 4-digit LCD
 - **Overvoltage:** Category II 1000V
 - **Auto power off:** 30 minutes
 - **Power supply:** 1 9V battery (included)
 - **Inductive clamp (included)**
 - **2 tips (included)**
 - **Soft cloth case (included)**
 - **Operating manual**

1760DGT 1 017600005



1760DGT/2

digital automotive multimeter, portable, with 2-channel oscilloscope and waveform generator



- Kit Contents:**
- Multimeter tips
 - 2 BNC crocodile clips for oscilloscope
 - Tip probe for oscilloscope (1X and 10X)
 - Battery charger
 - Nylon sheath

- Technical data:**
- Display: 2.8" colour TFT
 - Resolution: 320 x 240 pixels
 - Power supply: 100V-240V AC, 50Hz-60Hz; DC INPUT 5V DC-2A
 - Battery: 2 x 2600 mAh
 - Dimensions: 199 x 98 x 40 mm
 - Weight: 624g

- Multimeter Specifications:**
- Test: Voltage, Current, Resistance, Capacity, Diodes and On-Off
 - Max. voltage: 600V AC-DC
 - Max. current: 10A AC-DC
 - Max. resistance: 40MOHM
 - Max. capacity: 100μF

- Oscilloscope Specifications:**
- Horizontal
- Bandwidth: 40MHz
 - Sampling frequency range: 250MSa/s (single channel) - 125MSa/s (double channel)
 - SEC/DIV range: 5ns/div ÷ 500s/div 1,2,5 sequence

- Vertical
- VOLTS/DIV range: 10mV/div÷10V/divat BNC input
 - Selectable analogue, bandwidth limit, typical: 20MHz
 - Low frequency response (-3db): ≤10Hz a BNC
 - DC Gain Accuracy: ± 3% for Normal or Medium acquisition mode, 10V/div ÷ 10 mV/div

- Trigger
- Type: Edge
 - Mode: Auto, Normal, Single
 - Slope: Rising, Falling, Rising, & Falling
 - Source: CH1, CH2

- Input
- Coupling: DC, AC or GND
 - Supported probe attenuation factors: 1X, 10X, 100X, 1000X

- Arbitrary waveform generator**
- Waveform frequency: Sine (1Hz÷25MHz), Square (1Hz÷10MHz), Ramp (1Hz÷1MHz), EXP (1Hz÷5MHz)
 - Width: 2.5Vpp (50Ω) - 5Vpp (high impedance)
 - Output impedance: 50Ω

1760DGT/2 1 017600008

1760B

digital multimeter

CE



SPECIFICATIONS

DC voltage: 200 mV-2/20/200/1000V
 AC voltage: 2-20/200/700V
 DC current: 2/20/200 mA-20 A
 AC current: 2/200 mA- 20 A
 Resistance: 200Ω - 2/20/200 kΩ - 2/20 MΩ
 Capacity: 2/20/200 nF - 2/200 μF
 Temperature: -20° + 1000°C / -4 °F ~ +2000°F
 Frequency: 20kHz
 Power supply: 1 9V battery (included)

1760B 1 017600012

1760/OHM

multimeter/megohmmeter for high voltage insulation testing.
TRUE RMS indicator

CE

CAT. IV
600V
CAT. III
1000V



Measuring range	Base accuracy
AC/DC voltage:	50mV - 1000V ±0.06% - ±0.1% rdg
AC/DC current:	0.01μA - 10A ±0.5% - ±1% rdg
Resistance:	0.01Ω - 50MΩ ±0.2% - ±2% rdg
Meg OHM:	0.01 - 5000MΩ ±4% rdg. max
Capacity:	5nF - 10mF ±1.5% - ±3% rdg
Frequency:	50Hz - 100 MHz ±0.02% - ±0.1% rdg
Temperature:	-50 °C - +1350 °C ±0.5% rdg
Diode test:	3V dc
Continuity test:	<30 Ω

1760/OHM 1 017600025

1760/RMS

industrial digital multimeter
accurate and sturdy, in a 6-mm co-moulded shell, with antislip, shockproof outer rubber part

EN61010-1
EN61326-1

CE



Technical Features:

Measuring range Base accuracy
 AC/DC voltage 110mV - 600V ±0.8% - ±2% rdg
 AC/DC current 110μA - 10A ±1.5% - ±2% rdg
 Resistance 110Ω - 40MΩ ±1.2% - ±2.5% rdg
 Capacity 11nF - 40mF ±5% - ±10% rdg (up to 11mF)
 Frequency 1100Hz - 110 MHz ±1.2% - ±1.5% rdg
 Temperature -32°C - +1000°C ±3% - ±5% rdg
 Diode test, 3V DC ±10% rdg
 Continuity test <30 Ω -

1760/RMS 1 017600020

1760S

compact digital multimeter

TRUE RMS (effective value) reading

CE



Measurable parameters:
 DC voltage: 200 mV-2/20/200/600V
 AC voltage: 100/600V
 DC current: 200 mA-10 A
 AC current: 0,01-10 A
 Resistance: 200Ω - 2/20/200 kΩ - 2 MΩ
 Diode test: 0.4 + 0.7
 Power supply: 2 1.5V batteries, type AAA

1760S 1 017600022

153x75x42 mm

1760PA/80

AC/DC amperometric clamp, 80A

Designed to measure low current leakage or absorption values on vehicles

CE



- Range: 1mA-80A AC/DC
- Torch function with white LED
- Backlit LCD display
- Zero setting function
- Hold function
- Auto power off
- Power supply: 2 1.5V AAA-type batteries

1760PA/80 1 017600002

1760PA/AC

amperometric clamp and digital multi-meter

A: AC
V: AC/DC

CE



SPECIFICATIONS

DC voltage 400 mV - 4/40/400/600 V
 AC voltage 400 mV - 4/40/400/600 V
 AC current 40/400/1000 A
 Resistance 400Ω - 4/40/400 kΩ - 4/40 MΩ
 Frequency 5/50/500 Hz - 5/50/500 kHz - 5/10 MHz
 Capacity 40/400 nF - 4/40/100 μF
 Temperature -20 °C + 1000 °C / -4 °F + 1832 °F
 Power supply: 1 9V battery (included)

1760PA/AC 1 017600050

1760PA/AC-DC

amperometric clamp and digital multimeter

A: AC/DC
V: AC/DC

CE



A: AC/DC
V: AC/DC

Specifications:

- DC voltage: 0.1mV ÷ 600V
- AC voltage: 0.1mV ÷ 600V
- AC current: 0.01A ÷ 1000A
- DC current: 0.01A ÷ 1000A
- Resistance: 0.1Ω ÷ 40MΩ
- Capacity: 0.001nF ÷ 40 μF
- Frequency: 0.001kHz ÷ 4kHz
- Temperature: -40°C ÷ 1000 °C
-40°F ÷ 1832°F

1760PA/AC-DC

1 017600000

1760PA/AC-DC2000

amperometric clamp with digital multimeter and data connection

TRUE RMS function in AC range

A: AC/DC
V: AC/DC

CE



Measurable parameters:

- DC voltage: 0.1mV ÷ 1000V
- AC voltage: 0.1mV ÷ 1000V
- AC current: 0.01A ÷ 2000A
- DC current: 0.01A ÷ 2000A
- Resistance: 0.1Ω ÷ 60MΩ
- Capacity: 1nF ÷ 6000 μF
- Frequency: 10kHz ÷ 20kHz
- Temperature: -20 °C ÷ 1000 °C -4 °F ÷ 1832 °F
- Power supply: 3 1.5V batteries, type AA (included)
- Data connection (version 4.0)

H mm 300
L mm 110
P mm 43

1 017600003

380x280x100 mm - 1,78 kg

1760DGT-R3

spare leads for digital multimeters and amperometric clamps



1760DGT-R3

1 017600603

1760/RSE

signal detector

Allows power supply of parts to be tested, including common rail electro-injectors, petrol/LPG electro-injectors, piezoelectric injectors, flow regulating solenoid valves, EGR solenoid valves and coils



Performing diagnosis of individual parts of electric system

only requires probe to be brought near part being tested. In systems with electromechanical/electronic parts controlled by a control unit, this tool makes it possible to check whether:

- Control unit is being supplied with power and is performing its control function
- Cables connecting control unit to part is efficient
- Part being tested has not being disconnected
- Part has not short-circuited
- Part is operating electronically

1760/RSE

1 017600170



1760/TC2

combination contact/non-contact digital tachometer



TECHNICAL DATA

- For measuring:
 - non-contact rotational speed (rpm)
 - contact rotational (rpm) and linear surface speed (m/min or ft/min).
- 5-digit LCD display.
- Scale:
 - non-contact speed 2.5÷99,999 rpm
 - contact speed 0.5÷19,999 rpm
 - linear surface speed 0.05÷1,999.9 m/min.
- Frequency: 0.8 sec.
- Power supply: 4 1.5V batteries, AA size, or 6V power supply unit (not included).
- Supplied with the following:
 - adaptor for contact tip measurement;
 - male (contact) rubber tip (2 pcs.);
 - female (contact) rubber tip (1 pcs.);
 - linear measurement tape (1 pcs.);
 - reflecting tapes;
 - instruction manual;
 - plastic case.

L mm 230
H mm 74

1 017600161

1760R/TC2

set of reflecting tapes for item 1760/TC2



1760R/TC2

1 017600561

1760K

non-contact AC voltage detector with LED mini-torch

Testing range: 200-1000Vac 50/60Hz
CAT III-1000V
Requires 2 AAA batteries (included)



1760K

1 017600140

1760PT

combination voltage and continuity tester,
12-690V AC/DC

Functions:

- continuity
- phase rotation
- mains testing
- LED torch

CE



IP64
CATIV
- 600V ;
CATIII -
1000V

L=1 m

12-690V AC/DC

1760PT



1 017600150

1760/IR500

digital infrared thermometer with dual laser
aiming system

not suitable for measuring body temperature

CE



Technical Data:

- Temperature range: -50 + 500 °C (-22 + +932 °F)
- Display resolution: 0.1 °C (0,1 °F)
- Emissivity: 0.1 + 1 adjustable
- Accuracy: -50 °C + +20 °C (+/- 3 °C); 20 + 500 °C (+/-2% or 2 °C)
- Optical resolution (D:S): 12:1
- Auto power off: ca. 10 seconds
- Operating temperature: 0 °C + 50 °C
- Storage temperature: -20 °C + 60 °C
- Power supply: 1 9V battery

1760/IR500



1 017600350

1760/IR1000

digital infrared thermometer with dual laser
aiming system

not suitable for measuring body temperature

CE



TECHNICAL DATA

Temperature range: -50 °C + ^1000 °C (-58 °F + +1832 °F)
 Display resolution: 0.1 °C (0.1 °F)
 Emissivity: 0.1 + 1 adjustable
 Accuracy: -50 °C + 20 °C (+/- 3.5 °C); 20 °C + 300 °C (+/-1% or 1 °C); 300 °C + 1000 °C (+/-1.5%)
 Optical resolution (D:S): 20:1
 Operating temperature: 0 °C + 50 °C
 Storage temperature: -10 °C + 60 °C
 Power supply: 2 1.5V (AAA type batteries)

1760/IR1000



1 017600400

1760/IR1600

digital infrared thermometer
with laser aiming system

not suitable for measuring body temperature

CE



TECHNICAL DATA

Range: da -50 °C to +1600 °C / -58 °F to +2912 °F
 Scale selection: °C/°F
 Accuracy: ±1.5% or ±2 °C to 20 °C
 Laser power: <1mW
 Response: 1sec
 Emissivity: 0.10-1.0 adjustable
 Distance ratio: (D:S) 50:1
 Operating temperature: 0 °C + 50 °C / 32 °F + 122 °F
 Operating humidity: 10% to 90% RH
 Backlit LCD display
 Data storage function
 Auto power off
 Power supply: 1 9V battery (included)
 Hard case with aluminium tripod
 Operating manual

1760/IR1600

mm mm
200 115



1 017600461

1760LX

portable digital lux meter

EN61010-1
EN61326-1

CE



Technical details:

Measurement range: Basic accuracy
 Lux measuring range: 0-200000 ±3%
 FC measuring range: 0-20000 ±3%
 Power supply: 1 x 9V

1760LX

L
mm
165



1 017600820

1760TMC

infrared thermal camera

compact thermal camera for contactless
temperature measurement, suitable for
applications in building, mechanical, electric
installation and heating industries

LCD TFT display, 2", 240x320
 sensor, 32x32 pixels
 acquisition frequency 7Hz
 thermal sensitivity <347mK
 automatic acquisition of hot and cold spots
 camera for acquisition of images in BMP format (max. 100 images)
 adjustable emissivity
 power supply: 3 alkaline AAA batteries
 USB interface
 IP54
 temperature range: -20 °C + +600 °C
 infrared band: 6.5+14µm
 visible/infrared image fusion: 0.5; 1; 2m
 alarm function, selecting acceptable maximum and minimum
 temperatures

CE



1760TMC 600



1 017600710

Beta

1760WM

digital anemometer with fan sensor

EN61010-1
EN61326-1



Technical details:

Measuring range Basic accuracy
m/s air velocity range: 0.4-30 ±2%
k/h air velocity range: 1.4-108 ±2%
ft/m air velocity range: 80-5900 ±2%
mil/h air velocity range: 0.8-58 ±2%
CFM airflow range: 0-99990 ±0-9.999 ft2
CMM airflow range: 0-99990 ±0-9.999 m2
CMS airflow range: 0-99990 ±0-9.999 m2

L
mm 170 1 017600800

1761

wire twisting pliers
with automatic return



L
mm 255 1 017610101

1761RS/1

reversible wire twisting pliers
with automatic return



L
mm 220 1 017610130

1762

revolving punch pliers



Ø mm L mm
2-2,5-3 210 2 017620001
3,5-4-4,5

1763

car upholstery clip pliers



1763 1 017630001

1763G/S500

500 car upholstery clips



1763G/S500 1 017630105

1764/K5

manual riveter for plastic rivets

supplied with rivets in 4 sizes

kit contents:

- 10 rivets Ø 5x17.2 mm
- 10 rivets Ø 5x15.8 mm
- 10 rivets Ø 6.3x25.2 mm
- 10 rivets Ø 6.6x17.2 mm



1764/K5 1 017640001

1765/C24

cases with 24 tools
for pulling out car radios



1765/C24 1 017650001

1766

double suction lifter



max kg 50 2 017660001

1766A

single suction cup



max kg 30 2 017660005

1766/8

assortment of 8 tools
for car glass windows



1766/8 1 017660100

1766ER

window trim removal tool
with handle

Allows window trims to be easily removed,
with no risk of damage



1766ER

1 017660501

1766ER/VW

low-profile window trim removal tool

particularly suitable for VAG group window trims
with reduced grip space



L
mm
215

H
mm
4

1 017660510

1766L

lever for glass windows



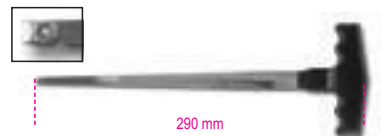
1766L

1 017660015

1766LI

lever for inserting car glass window cutting
cable

sharp edges for cutting bonds

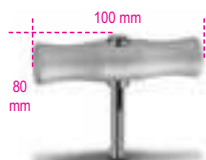


1766LI

1 017660016

1766I

handle for steel cable item 1766G



1766I

2 017660020

1766G

steel cable for car windows

Square section



50 m

1 017660025

1766T

steel cable for glass windows

triangular section



50 m

1 017660026

1767A

telescopic rod

- designed to support bonnets and tailgates with decompressed pistons.
- can be used to keep pedals from moving.



L
mm
640 ÷ 1090

1 017670000

1767B

pedal and steering wheel locking kit

the trigger adjustment mechanism
ensures accurate settings
when keeping the vehicle accelerated



1767B

1 017670100

490x285x95 mm - 2,4 kg

1767PMC

magnetic tool holder, round



1767PMC

1 017670020

1767PMR

magnetic tool holder, rectangular



1767PMR

1 017670010

1768

aluminium footboard

surface coated with non-slip material
maximum carrying capacity: 200 kg



L
mm
960

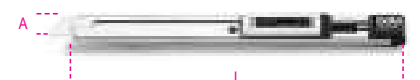
L1
mm
300

H
mm
475

1 017680010

1770

extra flat utility knife,
9 mm snap-off blade



L
mm
140

A
mm
9

10 017700001

1770A

utility knife 9 mm with automatic blade locking mechanism, 3 blades



1770A	L mm	A mm	10	017700025
	135	9		

1770RL

9 mm snap-off blades 10 pieces for utility knives 1770, 1770BM and 1770A



1770RL	5	017700010
--------	---	-----------

1770BM

utility knife, 9 mm, 6 blades



1770BM	L mm	A mm	10	017700050
	140	9		

1771

utility knife, 18 mm, supplied with 3 blades



1771	10	017710000
------	----	-----------

1771BM

utility knife, 18 mm, 6 spare blades



1771BM	L mm	A mm	10	017710050
	170	18		

1771HD

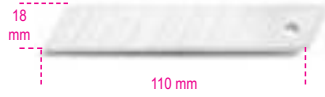
utility knife, 18 mm, supplied with 6 blades
• automatic blade change
• screw blade locking system



1771HD	L mm	A mm	5	017710100
	190	18		

1771RL

18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM, 1771HD



1771RL	5	017710010
--------	---	-----------

1772M

safety utility knife with retractable blade, supplied with 3 blades

blade retracts through an automatic spring mechanism
• die-cast alloy body
• staple remover built into handle



1772M	L mm	A mm	5	017720040
	170	18		

1772R

utility knife with retractable trapezoidal blade, supplied with 5 blades



1772R	L mm	A mm	5	017720006
	125	18		

1772H

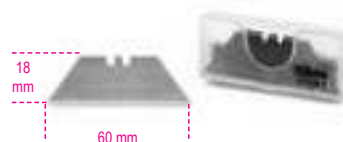
safety utility knife with retractable blade, supplied with 2 blades



1772H	L mm	A mm	5	017720029
	170	18		

1772RL/2

10 long trapezoidal spare blades, in box, for utility knives, 1772H, 1772M, 1772R, 1774, 1777BMT, 1777T



1772RL/2	5	017720017
----------	---	-----------

1773A

utility knife, 25 mm



1773A	L mm	A mm	10	017730000
	180	25		

1773RL

25 mm blades (10 pieces) for utility knife 1773A



1773RL	5	017730015
--------	---	-----------

1774

multi-function scraper with blade guard



1774	L mm	L1 mm	5	017740001
	155	60		

1774A

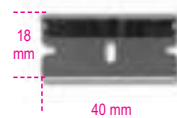
multifunction scraper, bi-material handle



1774A	L mm	A mm	1	017740011
	300	40		

1774A/RL

10 blades for scrapers 1774A and 1774S



1774A/RL	1	017740511
----------	---	-----------

1774S

sticker removal scrapers



1774S	A mm	L mm	2	017740021
	40	100		

1777BM

foldaway knife with wire stripping notch, stainless steel blade



	L	L1	A		
	mm	mm	mm		
1777BM	190	80	16	5	017770100

1777T

foldaway knife with trapezoidal blade, aluminium handle, 5 spare blades



	L	A	L1		
	mm	mm	mm		
1777T	160	19	65	5	017770030

1777BMT

foldaway knife with trapezoidal blade
4 adjustable blade depths
4; 9.5; 15.5; 21.5 mm
supplied with 3 blades



	L	L1	A		
	mm	mm	mm		
1777BMT	170	80	19	5	017770050

1778AN

foldaway knife,
stainless steel blade,
lightweight anodized aluminium handle
• in case



	L	A	L1		
	mm	mm	mm		
1778AN	204	26	84	5	017780065

1778AX

foldaway knife,
stainless steel serrated blade,
aluminium handle,
serration pattern for easier opening
• in case



	L	A	L1		
	mm	mm	mm		
1778AX	189	26	80	5	017780026

1778CM

camouflage foldaway knife,
hardened steel blade,
in case



	L	A	L1		
	mm	mm	mm		
1778CM	195	24	80	5	017780099

1778M7

foldaway knife,
stainless steel mini blade,
handle with fibreglass inserts
• in case



	L	A	L1		
	mm	mm	mm		
1778M7	163	24	68	5	017780015

1778P

foldaway knife,
stainless steel and aluminium blade and
handle,
with push button opening mechanism
• in case



	L	A	L1		
	mm	mm	mm		
1778P	193	29	72	5	017780088

1778SCL

foldaway knife with soft carbon look finish,
hardened steel blade,
in case



	L	A	L1		
	mm	mm	mm		
1778SCL	180	22	78	5	017780089

1778SOS

car service knife
with window breaking hammer
and seat belt cutter features
in case



	L	A	L1		
	mm	mm	mm		
1778SOS	205	25	85	5	017780080

1778V18

foldaway knife,
aluminium handle
• in case



	L	A	L1		
	mm	mm	mm		
1778V18	195	25	85	5	017780018

1778X

knives for nautical maintenance, stainless
steel blades, aluminium handles
in case



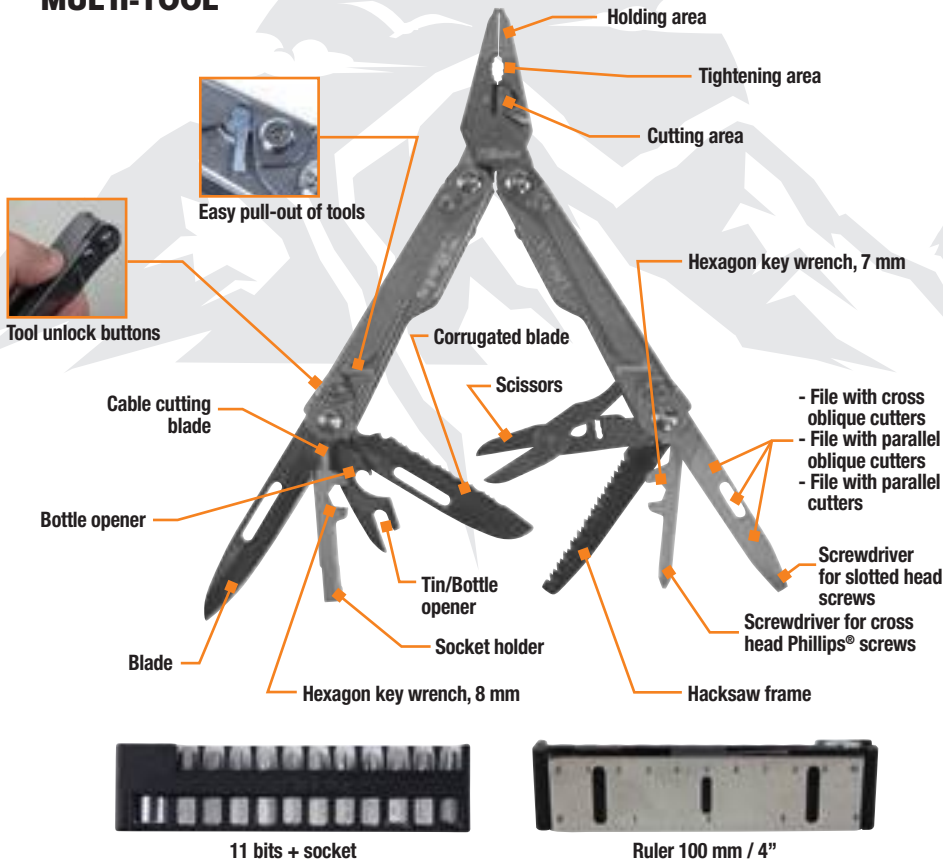
	L	L1	A		
	mm	mm	mm		
1778X	185	85	25	2	017780050

MULTITOOL - 1778MT

BETA's multipurpose tool stands out from similar commercially available tools with BETA's typical hallmarks: pliers synonymous with matchless quality, sophisticated materials and state-of-the-art technology. The **11 bits**, which come in the most popular geometries in the market, make this item ideal for any work environments and conditions, e.g. camping, nautical industry, hunting and DIY.



22 FUNCTIONS



11 bits + socket



Ruler 100 mm / 4"

1778MT

multi-tools
complete with bits and sheath
9 tools
22 functions



L mm	L1 mm	
180	115	1 017780055

1781

slim, long blade scissors



1781	L mm	
	132	2 017810001

1783

light duty scissors



	L mm	
	215	5 017830021
	240	5 017830024

1784

heavy duty scissors



	L mm	
	175	2 017840017
	200	2 017840020
	250	2 017840025
	300	2 017840030

1800/100

lifting airbags (max. lifting force: 100 kg)

- lifting/levelling
- locking doors



A	B	S	
mm	mm	mm	
160	150	2-55	3 018000000



Beta

LIGHTING

The lighting family comprises a wide range of products designed to satisfy all users' requirements, ranging from inspecting small pipes to lighting large working areas.

FLASHLIGHTS

The new captivating design, the technical improvements and the large choice of sizes allow the most suitable flashlight to be selected on the basis of such criteria as brightness, battery life and performance.

LAMPS AND SPOTLIGHTS

Based on improved LED technology, longer battery life, shorter charging time, painstaking attention to materials and ongoing search for innovative solutions, Beta's work lamps mean an outstanding combination of design, functionality and performance.

A comprehensive range designed to allow professionals to work at their best, in any sector and under any condition.

WIRELESS



Wireless charging

New wireless technology allows the latest spotlights and lamps to be charged through one charging base, item 1839BRW.

The new charging base, 1839BRW, makes it possible to charge the latest spotlights

and lamps simultaneously, without necessarily having to use power cords. Furthermore, the pull-out support allows mobile phones to be charged.



CRI - Color Rendering Index

CCT - Correlated Color Temperature

SPOTLIGHTS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1837C/2100	500 - 1000 - 2100	Li-Ion 11.1V; 4400 mAh	4.0h	9 - 2.5h	IP65 - IK07	6500K	80+
1837C/4300	1100 - 2100 - 4300	Li-Ion 11.1V; 5200 mAh	4.0h	6 - 1.5h	IP65 - IK07	6500K	80+
1837M	500 - 1000 - 2000	Li-Ion 11.1 V, 5200 mAh	3.5h	2 - 8h	IP65 - IK07	2700-3500-4500-5500-6500K	96+
1838FLASH	360 - 720	Li-Ion 7.4V; 4000 mAh	4.0h	4 - 8h	IP65	6300K	-
1838POCKET	160 - 400 - 800	Li-Ion 3.7 V; 2600 mAh	4.0h	3 - 9h	IP65	6500K	80+

LAMPS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1838/11LED	320	Li-Ion 3.7V; 4200 mAh	4.0h	4h	IP65	6500K	
1838AM	60 - 700 120 (spot)	Li-Ion 3.7V; 2600 mAh	4.0h - USB-C	2.5 - 16h 10h (spot)	IP54 - IK07	6500K	80+ 70+
1838COB	100 - 200 75 (spot)	Li-Ion 3.7V; 1600 mAh	3.0h	3-6h 4h (spot)	IP65	6000K	80+
1838P	80 - 50	Li-Ion 3.7V; 700 mAh	2.5h	4h	IP20	6000K	80+
1838SLIM	100 - 200 180 (back) 80 (spot)	Li-Ion 3.7 V, 700 mAh	2.5h - USB-C	2 - 4h 2h (back) 3h (spot)	IP54 - IK07	6500K	80
1838UV	75 - 150	Li-Ion 3.7V; 1600 mAh	3.0h	3h	IP20	6000K	80
1838SW	250 - 500 - 1000	Li-Ion 3.6V; 3350 mAh	4.5 - 6.5h	3 - 7h	IP65 - IK07	6500K	80+
1838E	500 - 1000 - 2000	Li-Ion 3.6V; 3350 mAh	4.5 - 6.5h	3 - 9h	IP20 - IK07	5500K	80+

HEADLAMPS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1836B	125 - 250	Li-Ion 3.8V; 1600 mAh	3.0h	5h	IP65 - IK07	6000K	80+
1836AW	30 - 200 - 400	Li-Ion 3.7V; 1500 mAh	2.5h	4-18h	IP65 - IK07	6500K	80+

FLASH LIGHTS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	LIGHTING RANGE
1833XS/1	100	1 x AAA	-	5h	IP66	85m
1833XS/2	200	2 x AAA	-	10h	IP66	112m
1833S	500	2 x AA	-	10h	IP66	140m
1833M	700	3 x AAA	-	7.5h	IP66	170m
1833L	1100	3 x AA	-	8.5h	IP66	330m
1833L/USB	1200	Li-Ion 3.7 V, 2600 mAh	3.0h - USB-C	3.0h	IP66	230m
1833XL	1500	3xD	-	22h	IP66	290m
1834RR	130	Li-Ion 3.7 V, 550 mAh	2.0h	1h	IP30	-
1837F	500	3 x AA	-	14.5h	IP66	125m
1837F/USB	600	Li-Ion 3.7 V, 2900 mAh	4.0h - USB-C	10h	IP66	280m

1833L/USB

rechargeable high-brightness LED torch, made of sturdy anodized aluminium, up to 1,200 lumens

- adjustable focus
- 3 brightness settings
- battery life: 3.0h
- IP66
- lighting range: 230 m
- flat battery indicator (<15%)
- charging via USB-C port
- charger not included



L mm 240 1 018330054

1833RB-L/USB

spare battery for item 1833L/USB

1833RB-L/USB 1 018330975

1833KS/1

LED inspection torch, made of sturdy anodized aluminium

- 100 lumens
- adjustable focus
- battery: 1xAAA (not included)
- IP66
- battery life: 5.0h
- lighting range: 85 m



L mm 92 3 018330000

1833KS/2

LED inspection torch, made of sturdy anodized aluminium

- 200 lumens
- adjustable focus
- batteries: 2xAAA (not included)
- IP66
- battery life: 10.0h
- lighting range: 112 m



L mm 133 3 018330001

1833S

high-brightness LED torch,
made of sturdy anodized aluminium,
up to 500 lumens

- adjustable focus
- 2 brightness settings
- batteries: 2xAA (not included)
- battery life: 10.0h
- IP66
- lighting range: 140 m



L
mm
150

1 018330002

1833M

high-brightness LED torch,
made of sturdy anodized aluminium,
up to 700 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xAAA (not included)
- flat battery indicator (<15%)
- battery life: 7.5h
- IP66
- lighting range: 170 m



L
mm
162

1 018330003

1833L

high-brightness LED torch,
made of sturdy anodized aluminium,
up to 1,100 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xAA (not included)
- flat battery indicator (<15%)
- battery life: 8.5h
- IP66
- lighting range: 330m



L
mm
196

1 018330004

1833XL

high-brightness LED torch,
made of sturdy anodized aluminium,
up to 1,500 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xD (not included)
- flat battery indicator (<15%)
- battery life: 22.0h
- IP66
- lighting range: 290 m



L
mm
300

1 018330005

1834RR

LED torch,
rechargeable in cigarette lighter socket

Adjustable focus
Rechargeable in cigarette lighter socket, 10-28V DC
IP30
130 lumens



1834RR

1 018340520

1836AW

rechargeable wireless LED headlamp,
dual brightness

- dual light emission:
front: 3 light intensities, LED COB, 30 - 200 - 400 lumens
head (spotlight): LED COB, 400 lumens
- rechargeable battery: Li-Ion 3.7 V, 1500 mAh, 5.55 Wh
- USB-C port
- supplied with USB-C cable
- charging time: 2.5 h
- battery life:
front: 4-18 h
head (spotlight): 4 h
- IP 65
- IK 07



1836AW

1 018360051

1836B

rechargeable LED headlamp, dual brightness,
with ON/OFF sensor

- Contactless ON/OFF sensor
- 250 lumens
- Life: 3-6 h
- IP65



1836B

1 018360200

1837F

magnetic, articulated lamp with high-
brightness LEDs,
made of sturdy anodized aluminium,
up to 500 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xAAA (not included)
- battery life: 14.5 h
- charge indicator
- IP66



L
mm
460

1 018370050

1837F/USB

rechargeable, magnetic, articulated lamp with
high-brightness LEDs,
made of sturdy anodized aluminium,
up to 600 lumens

- adjustable focus
- 2 brightness settings
- battery life: 10.0 h
- USB-C charging
- IP66



L
mm
460

1 018370060

1837RB-F/USB

spare battery for item 1837F/USB

1837RB-F/USB

1 018370960

1838POCKET

articulated pocket LED spotlight, with dual light beam and wireless charging

- dual light emission:
 - main light: LED COB, 3 light intensities: 160 - 400 - 800 lumens
 - spot light: LED SMD, 250 lumens
- lighting angle: main light: 160°
spot light: 18°
- rechargeable 3.7V 2600mAh Li-ion battery
- 2 charging modes: wireless 1839BRW base
power supply with USB-C port
- charging time: 4.5 h with wireless charging base
4 h with power supply
- battery life: main light: 3-9h
spot light: 4.5 h
- 3-LED battery level indicator
- can be rotated 210°
- nonslip rubber body
- magnetic base
- 1 magnet on base
- IP65
- IK07
- supplied with a USB-C cable

CE



IP65
IK07

L	I	S
mm	mm	mm
98	82	39

1 018380080

1837C

rechargeable LED spotlight for building yards

- 3 brightness settings
- battery charger: input: 100-240V AC - 50/60Hz;
output: 15V 1.5A
- charging time: 4 hours
- 3-LED charge indicator
- can rotate up to 180°
- IP65
- IK07

CE



IP65
IK07

LxHxI	Lm	h
mm		
220x225x70	2100	2.5
	1000	5.0
	500	9.0
266x236.6x59	4300	1.5
	2100	3.0
	1100	6.0

1 018370210

1 018370430

1837C/RA2100-4300

power supply for LED spotlights
1837C/2100-4300



1837C/RA2100-4300

1 018370970

1837M

rechargeable LED COLOUR MATCH spotlight,
for visual colour control,
high colour rendering index (CRI 96+),
up to 2,000 lumens

- 3 brightness settings: 500/1,000/2,000 lumens
- CRI (colour rendering index): 96+
- CCT (correlated colour temperature): 2700K/ 3500K/ 4500K/ 5500K/ 6500K
- battery charger: input: 100-240V AC - 50/60Hz; output: 15V 1.5A
- quick release charge connector
- charging time: 3.5 hours
- battery life: 8/4/2 h
- charge indicator
- button and LED colour temperature indicator
- button and LED brightness indicator
- can rotate up to 180°
- IP65
- IK07

CE



IP65
IK07

LxHxI	Lm	h
mm		
220x225x70	500	8.0
	1000	4.0
	2000	2.0

1 018370450

1837M/RA

power supply for COLOUR MATCH spotlights
1837M



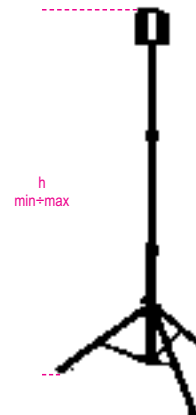
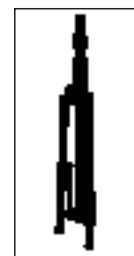
1837M/RA

1 018370975

1837S

telescoping tripod for worklight

- made of metal
- adjustable height: 70-155 cm
- compatible with items 1837C and 1838FLASH



h
cm
70-170

1 018370500

1838FLASH

rechargeable, ultracompact spotlight, designed
to offer the best possible solution for each use

ABUNDANT READY LIGHTING: with a maximum lighting
capacity of 720 lumens, and running on both battery and
cable, it is always ready to use.

CAN BE PLACED ANYWHERE:

-on flat surfaces: with rubber feet on three sides or 1/4" drive
for stands (camera-like standard)

-on metal structures: with unscrewable magnet or hook that
can be rotated 360 degrees.

COMPACT: no more than 85x100x155 mm in size, it can be
easily replaced in tool bag and used in small areas.

STURDY: designed to withstand extremely severe mechanical
stress. Guaranteed durability.

CE



IP65

1838FLASH

1 018380300

1838RB/FLASH

spare battery for item 1838/FLASH

1838RB/FLASH

1 018380930

1838/11LED

rechargeable inspection lamp with ultra-high brightness LEDs, lithium polymer battery

- Compact body made of antislip rubber
- Easy-to-replace front glass
- Swinging hook
- With charging station, 110-230Vac
- 320 lumens
- With multidirectional head LED



1838/11LED 1 018380111

1838RA/10-11LED

spare power supplies for items 1838/10LED and 1838/11LED

CE

1838RA/10-11LED 1 018380903

1838RB/10LED

spare battery for items 1838/10LED and 1838/11LED

1838RB/10LED 1 018380902

1838RR/11LED

charging bases for item 1838/11LED

1838RR/11LED 1 018380914

1838RV/11LED

spare scratch-proof glass for lamp 1838/11LED



1838RV/11LED 2 018380905

1838AM

rechargeable LED inspection lamp, with double light emission, articulated, can be rotated 180°, with swivel magnetic base and hook

- double light emission:
 - front: LED COB, 60-700 lumens, can be adjusted with potentiometer
 - spot (head): LED SMD, 120 lumens, ON-OFF switch
- rechargeable 3.6V 2600mAh Li-ion battery
- with USB-C port
- supplied with 100-240V / 50-60Hz charger
- charging time: 4h
- battery life:
 - front: 2.5-16h
 - spot (head): 10h
- 3-LED battery level indicator

- articulated, can be rotated 180° (± 90° compared to axis)
- magnetic base (with neodymium magnet), can be rotated 90°
- swivel base hook

- IP54
- IK07



	L	I	S	L1	
	mm	mm	mm	mm	
1838AM	405	40	45	175	1 018380400

1838COB

portable rechargeable LED inspection lamp

- with hanging hook and antislip, shockproof body
- lithium polymer battery
- Swinging hook
- Magnetic base can be rotated 180 degrees
- With charger 100-240Vac / 50-60Hz
- 100/200 lumens; SPOT 75 lumens
- Operating range: 6h / 3h; SPOT 4h
- charging time: 3 hours
- IP65

CE
IP65



1838COB 1 018380010

1838P

rechargeable inspection pen light, with double light emission: lamp and torch

- Compact body made of non-slip rubber
- 50/80 lumens
- Pocket hook
- Magnetic base can be rotated 180 degrees
- Complete with USB/jack charging cable, 3.5mm
- Life: 2.5 hours
- IP20

CE
IP65



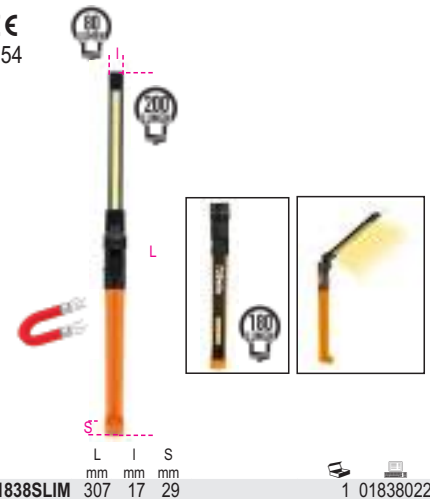
1838P 1 018380005

1838SLIM

rechargeable, articulated slim 3-LED inspection lamp

- triple light emission
- front: 100/200 lumens/ back: 180 lumens/ spot (head): 80 lumens
- magnetic base
- charging time: 2.5h
- battery life: 2-4h/ spot 3h

CE
IP54



	L	I	S	
	mm	mm	mm	
1838SLIM	307	17	29	1 018380221

Beta

Beta

1838SW

rechargeable, articulated LED inspection lamp, with wireless charger

- dual light emission:
front: LED COB, 3 light intensities: 250 - 500 - 1000 lumens
spot (head): LED SMD, 200 lumens
- rechargeable 3.6V 3.350mAh Li-ion battery
- 2 charging modes: wireless 1839BRW base power supply with USB-C port
4.5h with power supply
- battery life: front: 1.3-5h
spot (head): 7h
- 3-LED battery level indicator
- base can be rotated 180°
- nonslip rubber body
- double swinging hook
- 3 magnets on back
- 1 magnet on base
- IP65
- IK07
- supplied with a USB-C cable



1838SW	L mm	I mm	S mm	1	018380142
	260	53	40		

1838UV

rechargeable UV and white light inspection lamp
ideal for detecting leaks

- Compact body made of antislip rubber
- With charger 100-240Vac / 50-60Hz
- 150 lumens / UV

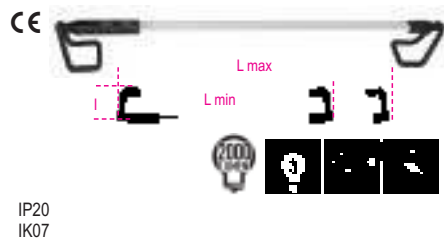


1838UV	1	018380150
--------	---	-----------

1838E

rechargeable under bonnet LED lamp

- triple light emission: 500/1000/2000 lumens
- can be rotated 360°
- length range: 116 ÷ 188 cm
- aluminium body
- nonslip rubber hooks
- USB-C charge
- 2 charging modes:
charge via lamp USB port
charge via internal battery USB port
- supplied with battery charger
input: 100-240V ~ 50/60Hz
output: DC 5V - 2000 mA

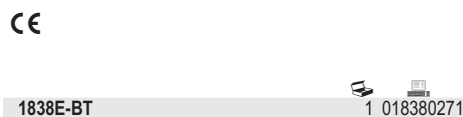


L min mm	L max mm	I mm	1	018380270
1170	1880	150		

1838E-BT

rechargeable battery with USB-C port for
under bonnet lamp item 1838E

- Li-Ion 3,6V
- DC 5V - 2000 mA



1838E-BT	1	018380271
----------	---	-----------

1839BRW

wireless charging base,
compatible with 1838POCKET, 1838SW
inspection lamps

- two charging positions with magnetic connection, for simultaneous use
- with pull-out support for wireless mobile phone charging
- charging status LED indicator
- max. input: 10W x2
- input: AC 100-240V 50/60Hz
- output: DC 12V 1.5A
DC 9V 2A
DC 5V 3A
- USB-C port
- can be hung on wall through: 3 strong magnets on back
2 screw holes
- IP20
- IK07



1839BRW	L mm	I mm	S mm	1	018390002
	101	190	28		

1839/R5

USB-C QC 3.0 cable, replacement for items
1838POCKET, 1839BRW

1839/R5	1	018390505
---------	---	-----------

1839/R6

USB Q C3.0 quick charge transformer,
replacement for 1838POCKET, 1839BRW

1839/R6	1	018390506
---------	---	-----------

1839/R1

transformer with USB output, spare part
for items 1833L/USB, 1836B, 1837F/USB,
1838COB, 1838P, 1838S, 1838SLIM, 1838UV,
1838AM, 1838E



1839/R1	1	018390501
---------	---	-----------

1839/R2

USB/jack cable 3.5 mm, spare part for items
1836B; 1838P; 1838COB; 1838UV

1839/R2	1	018390502
---------	---	-----------

1839/R4

USB/USB-C cable, spare part for items
1833L/USB, 1833F/USB, 1838SLIM, 1838S,
1838AM, 1838E

1839/R4	1	018390504
---------	---	-----------



1840BM

230V inspection lamp,
base type: E27

- Bulb not included



IP20

1840BM V 230 W 60 L mm 420 1 018400101

1842LED/BM

lamp with ultra-high brightness LEDs, 100-240 Vac

- 10-m-long cable
- compact body made of antislip rubber
- easy-to-replace front glass
- swinging hook
- 340 lumens
- with multi-directional head LED light



1842LED/BM L mm 230 1 018420301

1842LED/ABM

lamp with ultra-high brightness LEDs, 12-24V AC/DC

- 10-m-long cable
- compact body made of antislip rubber
- easy-to-replace front glass
- swinging hook
- 320 lumens
- with multi-directional head LED light



1842LED/ABM L mm 230 1 018420311

REELS



Beta's new, varied, comprehensive range of reels has been designed and developed with a view to satisfying all professionals' requirements.

- The range of cable reels comprises numerous lengths and types of cables, versions with LED lamps and with SCHUKO sockets and plugs.
- The range of hose reels comprises hoses 8 mm and 10 mm in diameter.

High-resistance spring ensuring remarkable durability and unparalleled smoothness.

Drums made of thick polypropylene, for unique shock resistance.

Rack device causing automatic cable rewind to stop, easy to disable, to allow continuous pulling. Each reel is fitted with a 180° swivel wall-mount bracket and an additional bracket for quick connection to, and disconnection from, the wall-mount support.

CABLE REELS

A wide range comprising no less than 18 versions, designed to satisfy any working requirements, including the most demanding users'. Lengths ranging from 10 m to 30 m, and sections from 2x1.0 mm² to 5Gx1.5mm², with H05VV-F and H07RN-F cable types. All the cable reels – up to a cable section of 3Gx2.5mm² - are supplied with thermal protection switches, which are triggered in case of overloading of the electric circuit.



HOSE REELS



337

A selected range, with lengths ranging from 10 m to 15 m, 8 mm and 10 mm in diameter, for use with pneumatic tools.

Since our products are leak-proof, they can also be used with water.

Item		Conductors	Section	Cable type	Length	Thermal protection	Accessory
1842 15-H05/LED	018420821	2x	1,0 mm ²	H05VV-F	15+1 m	YES	LED lamp
1843 15-H05	018430215	2x	1,5 mm ²	H05VV-F	15+1 m	YES	
1844 10-H05	018440310	3G	1,5 mm ²	H05VV-F	10+1 m	YES	-
1844 15-H05	018440315			H05VV-F	15+1 m	YES	-
1844 15-H07	018440317			H07RN-F	14+1 m	YES	-
1844 30-H05	018440330			H05VV-F	30+2 m	YES	-
1844 15-H05/SCK	018440316			3G	1,5 mm ²	H05VV-F	15+1 m
1844 15-H07/SCK	018440318	H07RN-F	14+1 m			YES	SCHUKO
1845 12-H05	018450365	3G	2,5 mm ²	H05VV-F	12+1 m	YES	
1845 15-H07	018450367			H07RN-F	15+1 m	YES	
1845 25-H07	018450377			H07RN-F	25+1,5 m	YES	
1846 10-H05	018460405	4G	1,5 mm ²	H05VV-F	10+1 m	NO	
1846 10-H07	018460407			H07RN-F	10+1 m	NO	
1846 15-H05	018460415			H05VV-F	15+1 m	NO	
1847 10-H05	018470420	4G	2,5 mm ²	H05VV-F	10+1 m	NO	
1847 15-H07	018470427			H07RN-F	15+1 m	NO	
1848 10-H05	018480510	5G	1,5 mm ²	H05VV-F	10+1 m	NO	
1848 15-H07	018480517			H07RN-F	15+1 m	NO	

1842

automatic cable reel with LED inspection lamp, 100-240Vac

- with 230/12V safety transformer
- H05VV-F 2x1.0 mm² cable
- coiled cable length: 15 m
- 1.5 m incoming cable with SCHUKO type socket
- length of cable out of drum: 1 m
- rack mechanism can be disabled to keep cable pulled
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE

IP42
IP65



1842 15-H05/LED	H05VV-F	L m 15+1	1	018420821
-----------------	---------	----------------	---	-----------

1846R-LED/BM

spare LED lamps

12-24V - AC-DC



1846LED/BM R			1	018460331
--------------	--	--	---	-----------

1843

automatic cable reel, with 2x1.5 mm² cable

- H05VV-F 2x1,5 mm² cable
- with thermal protection switch
- coiled cable length: 15 m
- cable length out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1300W (230V-20°C)
- max. power (unrolled): 2300W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE

IP42



1843 15-H05	H05VV-F	L m 15+1	1	018430215
-------------	---------	----------------	---	-----------

1844

automatic cable reel, with 3Gx1.5 mm² cable

- 3Gx1.5 mm² cable
- with thermal protection switch
- cable length out of drum: 1 m (except for 1844 30-H05, 2 m)
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1500W (230V-20°C)
- max. power (unrolled): 2500W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE

IP42



		L m		
1844 10-H05	H05VV-F	10+1	1	018440310
1844 15-H05	H05VV-F	15+1	1	018440315
1844 15-H07	H07RN-F	14+1	1	018440317
1844 30-H05	H05VV-F	30+2	1	018440330

1844SCK

automatic cable reel, with 3Gx1.5 mm² cable and SCHUKO type socket

- 3Gx1.5 mm² cable
- with thermal protection switch
- length of cable out of drum: 1 m
- supplied with 1.5 m incoming cable and SCHUKO type socket
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1500W (230V-20°C)
- max. power (unrolled): 2500W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE

IP42



		L m		
1844 15-H05/SCK	H05VV-F	15+1	1	018440316
1844 15-H07/SCK	H07RN-F	14+1	1	018440318

1845

automatic cable reel, with 3Gx2.5 mm² cable

- 3Gx2.5 mm² cable
- with thermal protection switch
- cable length out of drum: 1 m (except for 1845 25-H07RN-F, 1.5 m)
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 2000W (230V-20°C)
- max. power (unrolled): 3000W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE

IP42



		L m		
1845 12-H05	H05VV-F	12+1	1	018450365
1845 15-H07	H07RN-F	15+1	1	018450367
1845 25-H07	H07RN-F	25+1,5	1	018450377

1846

automatic cable reel, with 4Gx1.5 mm² cable

- 4Gx1.5 mm² cable
- without thermal protection switch
- cable length out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1400W (230V-20°C)
- max. power (unrolled): 1900W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE

IP42



		L m		
1846 10-H05	H05VV-F	10+1	1	018460405
1846 10-H07	H07RN-F	10+1	1	018460407
1846 15-H05	H05VV-F	15+1	1	018460415

1847

automatic cable reel, with 4Gx2.5 mm² cable

- 4Gx2.5 mm² cable
- without thermal protection switch
- length of cable out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 2000W (230V-20°C)
- max. power (unrolled): 2700W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42

1847 10-H05	H05VV-F	10+1	1	018470420
1847 15-H07	H07RN-F	15+1	1	018470427

1848

automatic cable reel, with 5Gx1.5 mm² cable

- 5Gx1.5 mm² cable
- without thermal protection switch
- length of cable out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1400W (230V-20°C)
- max. power (unrolled): 1900W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42

1848 10-H05	H05VV-F	10+1	1	018480510
1848 15-H07	H07RN-F	15+1	1	018480517

1850D

3-speed heat gun

- Pos. I 250 l/min 50 °C
- Pos. II 250 l/min 400 °C
- Pos. III 500 l/min 550 °C

CE



1850D	L mm	H mm	1	018500018
	255	210		

1850E

adjustable electronic heat gun

- Pos. I 250-500 l/min 50 °C
- Pos. II 250-500 l/min 50-650 °C
- digital display
- temperature and flow rate adjustment buttons
- 4 preset programmes and other customizable programmes
- Prog 1 150 °C ca. 400 l/min
- Prog 2 200 °C ca. 400 l/min
- Prog 3 300 °C ca. 450 l/min
- Prog 4 400 °C ca. 500 l/min

CE



1850E	L mm	H mm	1	018500020
	255	210		

1851VK

hot glue gun with 12 thermofusible glue sticks in case

- power: 80 W
- for stick glue, ø 11 mm and 12 mm

CE



1851VK	1	018510058
--------	---	-----------

320x250x50 mm

1851VK-12C

12 thermofusible glue sticks
Ø 11 mm



1851VK-12C	1	018510062
------------	---	-----------

1851VK-12V

12 thermofusible glue sticks
for painted surfaces
Ø 11 mm



1851VK-12V	1	018510072
------------	---	-----------

1852R1750

portable induction heater

CE



Heats and loosens bolts, hubs and bearings without using flames. Allows any type of ferromagnetic metal to be heated.

Standard equipment:

- Two front attachable coils, Ø 19 and 26 mm, for loosening nuts
- One flat coil for heating surfaces
- One flexible coil, 800 mm long
- Supplied in plastic case

Technical data:

- Input voltage: 230V AC, 50/60 Hz
- Input current: max. 7,5A
- Power: max. 1.75 kW

Optional Equipment:

- Coils are also available in other sizes

Benefits:

- Time saving: quick, extremely accurate heating
- Fire safety: does not produce flames, maximum operator safety
- Functional: can be used with one hand, and coils can be easily interchanged

Fields of Application:

- Automotive industry
- Industrial maintenance
- Aviation industry
- Naval industry
- Petrochemical industry

1852R1750	1	018520175
-----------	---	-----------

480x370x130 mm - 4,5 kg

1852S-CNT

contact coil



1852S-CNT	1	018520520
-----------	---	-----------

1852S-CC

spoon coil



1852S-CC	1	018520521
----------	---	-----------

1852S-KR/CNT

kit of spare parts for contact coil



1852S-KR/CNT

1 018520522

1852S-L

side attachable coils



	Ø mm	M	L mm		
1852S-L 19	19	M6	220	1	018520501
1852S-L 20	20	M8	220	1	018520502
1852S-L 23	23	M10	220	1	018520503
1852S-L 26	26	M12	220	1	018520504
1852S-L 32	32	M16	220	1	018520505
1852S-L 38	38	M20	220	1	018520506
1852S-L 45	45	M22	220	1	018520507

1852S-F

front attachable coil



	Ø mm	M	L mm		
1852S-F 19	19	M6	220	1	018520508
1852S-F 20	20	M8	220	1	018520509
1852S-F 23	23	M10	220	1	018520510
1852S-F 26	26	M12	220	1	018520511
1852S-F 32	32	M16	220	1	018520512
1852S-F 38	38	M20	220	1	018520513
1852S-F 45	45	M22	220	1	018520514

1852S-FLESS

flexible coil



1852S-FL 750	1	018520519
1852S-FL 800	1	018520515
1852S-FL1000	1	018520517
1852S-FL1500	1	018520518

1852 S-PIATTE

flat coil



1852S-PIATTE

1 018520516

 **Beta**
Quality Tools

 **Beta**



WELDING



INVERTER WELDING MACHINES

Easy-to-use inverter welding machines with excellent welding characteristics for all types of electrodes. With overvoltage and overtemperature control and electrode anti-sticking function. Compact and lightweight, ideal for home maintenance jobs, light carpentry and maintenance jobs.



WELDING MASKS

Beta offers several auto-darkening LCD masks suitable for different types of welding: electrode welding, MIG/MAG, TIG and plasma welding. Protection and comfort are guaranteed by full compliance with all current safety standards.



WELDING ACCESSORIES

A wide range of accessories supporting welding jobs.



GAS TIN WELDING MACHINES

Welding machines and accessories designed for small maintenance jobs and microelectronics jobs. As well as corded welding machines, Beta also offers several butane gas solutions which allow welding jobs to be carried out outdoors and with no electricity.

1808

dual rating soldering iron with steel tips
1824R8



W	V	Icon	Code
20/130	230		1 018080001

1812 150

instant heat soldering iron



W	V	Icon	Code
150	230		1 018120015

1814M

soldering irons
with steel tips



W	V	Icon	Code
25	230		1 018140225
30	230		1 018140230
40	230		1 018140240

1820

soldering irons



1820 30 30W L = 210mm			1 018200003
1820 60 60W L = 220mm			1 018200006
1820 80 80W L = 260mm			1 018200008

1822

high-performance soldering irons



1822 120 120W LxA = 250x125 mm			1 018220012
1822 180 180W LxA = 250x125mm			1 018220018
1822 320 320W LxA = 250x140mm			1 018220032

1823 60

digital soldering station
supplied with soldering iron

- Temperature range: 160 °C ÷ 480 °C with ±1% accuracy.
- Memory mode designed to save the temperature selected when switching off the station.
- 3 quick selection keys (200-300-400 °C).



W	Icon	Code
60		1 018230060

1823R/60

spare soldering iron for item 1823 60



Code	Icon	Code
1823R 60		1 018230066

1824R

spare tips for soldering irons

1824R 08 1808			1 018240100
1824R 12 1812/150			1 018240301
1824R 14-M25 1814M/25			1 018240152
1824R 14-M30 1814M/30			1 018240153
1824R 14-M40 1814M/40			1 018240154
1824R 20 1820/30			1 018240302
1824R 60 1820/60			1 018240303
1824R 80 1820/80			1 018240304
1824R 120-180 1822/120 -/180			1 018240305
1824R 320 1822/320			1 018240307
1824R ST-60 1823-60			1 018240308

1825B

soldering tin wire with antioxidant

- 1 mm²; 250 g
- Sn 99.3%; Cu 0.7%



Code	Icon	Code
1825B		1 018250251

1827

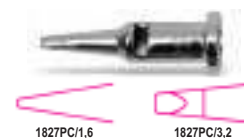
gas soldering iron, adjustable



Code	Icon	Code
1827		1 018270001

1827PC

spare conical tips for item 1827



1827PC 1,6			1 018270501
1827PC 3,2			1 018270502

1827PCL

spare knife tips for item 1827



Code	Icon	Code
1827PCL 2,4		1 018270503



1827PFL

spare naked flame tips for item 1827



1827PFL 1 018270504

1827/K

gas soldering iron with 7 accessories in case with soft polyethylene foam base



Features:

- Power: 30 watts to 125 watts
- Tip temperature can be adjusted between 250 °C and 500 °C
- Gas flow regulator
- Warm-up time: 15 seconds
- Tank contains gas for 120 minutes' non-stop operation
- Clear tank for monitoring gas level
- Can be refilled with butane gas

1827/K 1 018270100

1827F

butane gas soldering iron

35 g tank

- three interchangeable nozzles: 550 °C; 1000 °C; 1300 °C
- supplied with a stand in hard case



1827F 1 018270200

1830T

dissoldering pipe with antistatic plastic (PTFE) nozzle



L mm 1830T 5 018300021

1860BH/120A

DC-powered inverter welding machine for MMA welding with rutilic, basic and stainless steel electrodes, compact and easy to carry

Arc force, hot start, anti-sticking and thermostatic protection features

Adjustment current: 10÷120A
Power supply: 1x230V

Use factor (40 °C) :

25% - 120 A

50% - 80 A

100% - 60 A

Protection: IP22S

Usable electrodes: Ø 1.6 - 3.2mm rutilic, basic, stainless steel, cast iron etc.

Supplied with 16mm² cables

CE



1860BH/120A 1 018600121

1860BH/160A

DC-powered inverter welding machine for MMA welding with rutilic, basic and stainless steel electrodes, compact and easy to carry

Arc force, hot start, anti-sticking and thermostatic protection features

Adjustment current: 10÷160A
Power supply: 1x230V

Use factor (40 °C) :

25% - 160 A

60% - 100 A

100% - 80 A

Protection: IP22S

Usable electrodes: Ø 1.6 - 4mm rutilic, basic, stainless steel, cast iron etc.

Supplied with 16mm² cables

CE



1860BH/160A 1 018600161

1860BH/200A

DC-powered inverter welding machine for MMA welding with rutilic, basic and stainless steel electrodes, compact and easy to carry

Arc force, hot start, anti-sticking and thermostatic protection features

Adjustment current: 10÷200A
Power supply: 1x230V

Use factor (40 °C) :

25% - 200 A

60% - 130 A

100% - 100 A

Protection: IP22S

Usable electrodes: Ø 1.6 - 4mm rutilic, basic, stainless steel, cast iron etc.

Supplied with 16mm² cables

CE



1860BH/200A 1 018600201

1860BH R/CM

spare earth cables for inverter welding machines 1860BH-120/160/200A



1860BH R/CM 1 018600612

1860BH R/CS

spare electrode holder cables for inverter welding machines 1860BH-120/160/200A



1860BH R/CS 1 018600613

1860BHT/160A

DC-powered inverter welding machine for MMA and TIG electrode steel welding, compact and easy to carry

Arc force, STICK/TIG (lift arc), hot start, anti-sticking and thermostatic protection features

adjustment current: 10÷160 A
power supply: 1x230 V

use factor (40 °C):
60% - 160 A
100% - 130 A

protection: IP23S
usable electrodes: Ø 1.6 - 4 mm, rutilic, basic, stainless steel.
Supplied with 25 mm² cables

CE



1860BHT/160A 1 018600179

1860BHT R/CM

spare earth cables for TIG welding machines 1860BHT



1860BHT R/CM 1 018600616

1860BHT R/CS

spare welding pliers cables for TIG welding machines 1860BHT



1860BHT R/CS 1 018600617

1860M

magnetic, quick-adjusting corner welding vices

with swinging jaws, ideal for locking differently sized parts



1860M 30 1 018600301

1860DM

magnetic discs for lifting metal sheets

ideal for handling and fixing metal sheets
constant magnetic force over entire disc surface
handles with holes for easier vertical working



	kg max		
1860DM 16	16	1	018600310
1860DM 40	40	1	018600311

1860PMIG

multipurpose pliers for MIG welding



L mm	L1 mm		
215	44	2	018600350

1860EI

magnetic square, 90°, for interior and exterior angles

Ideal for locking tubular or flat parts, 18 kg magnetic force, with bevels for 30° and 60° angles, with hexagon hole making it easier to separate magnet from metal



L mm	L1 mm	S mm		
165	110	35	1	018600290

1860RG

adjustable magnetic square, 30°÷270°

Ideal for locking tubular or flat parts, 15 kg magnetic force, supplied with an offset hexagon key wrench for locking angle adjustment mechanism, supplied with a pin for locking angle adjustment mechanism at 30°-45°-90°/270°-180° with hexagon hole making it easier to separate magnet from metal



L mm	S mm		
155	35	1	018600255

1860SQ

magnetic square, 45°/90°

ideal for locking tubular or flat parts
25 kg magnetic force
no battery required, ON/OFF effect obtained by tilting interior magnets
easier chip removal with magnets in OFF position



1860SQ 1 018600210

7041LCD/4S

auto-darkening LCD mask, for electrode welding; MIG/MAG; TIG and plasma.
4 sensors with TRUE COLOR filter
solar cell power supply and lithium batteries for outstanding LCD filter life

- Viewing area: 98x80 mm
- Darkening shade range: 5÷8.5/ 9-13, internally adjustable
- UV/IR protection: DIN16
- Light to dark time: 1/25000 s
- Dark to light time: 0.1-2.0s
- Adjustable darkening sensitivity and delay
- Auto on/off
- Grinding feature
- Low battery indicator
- Ergonomic design, lightweight, well-balanced
- With adjustable ring nut



7041LCD/4S 1 070410001

7041LCD/4S-VE

scratch-proof lens protector for item 7041LCD/4S

7041LCD/4S-VE 2 070410101

7041LCD/4S-VI

inside lens for item 7041LCD/4S

7041LCD/4S-VI 2 070410102

Beta
Quality Tools

7042LCD

Auto-darkening LCD mask, for electrode welding; MIG/MAG; TIG and plasma.

Solar cells power supply and lithium batteries for outstanding LCD filter life

- Viewing area: 98x43 mm
- Darkening shade: DIN 9-13, externally adjustable
- UV/IR protection
- Light to dark time: 1/25000 s
- Dark to light time: 0.25-1s
- Adjustable darkening sensitivity and delay
- Auto on/off
- Grinding feature
- Optimized shape to make it easier to breathe with pulled-down screen



7042LCD 1 070420001

7042LCD/RV

scratch-proof lens protector for item 7042LCD, 7043

7042LCD/RV 2 070420101

7042LCD/RV-INT

inside lens for item 7042LCD, 7043

7042LCD/RV-INT 2 070420102

7043

auto-darkening LCD mask, for electrode welding, MIG/MAG, TIG and plasma, solar cell power supply

- viewing area: 92x43 mm
- darkening shade: DIN 9-13, externally adjustable
- UV/IR protection
- light to dark time: 1/1000 s
- dark to light time: 0.1-1.0 s
- adjustable darkening delay
- auto on/off
- grinding feature
- optimized shape to make it easier to breathe with pulled-down screen



7043 1 070430001

1870

solid and fluid vacuum cleaner, 20 l

- single-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1200 W
- airflow rate: 58 l/sec.
- max. suction power: 190 mbar
- max. drum capacity: 20 l, made of antistatic PP
- acoustic emissions: <70 dB(A)
- cable length: 5 m
- trolley for accessories
- STANDARD ACCESSORIES, Ø 36 mm
- 1 corrugated hose with ergonomic handle
- 2 hard extension tubes
- 1 multiuse brush for floors and fluids
- 1 flat nozzle
- FILTERING SYSTEMS
- 1 surface filter cartridge 1900 cm² - 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30

CE



IPX4

1870 1 018700020

1870I

solid and fluid vacuum cleaner, 20 l, stainless steel drum

- single-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1200 W
- airflow rate: 58 l/sec.
- max. suction pressure: 190 mbar
- max. drum capacity: 20 l, made of stainless steel
- acoustic emissions: <70 dB(A)
- cable length: 5 m
- STANDARD ACCESSORIES Ø 36 mm
- 1 corrugated hose with ergonomic handle and vent
- 2 hard extension tubes
- 1 multiuse brush for floors and fluids
- 1 flat nozzle
- 1 paper bag
- FILTERING SYSTEMS
- 1 surface air filter cartridge 1900 cm² - 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30

CE



IPX4

1870I 1 018700220

1872L

solid and fluid vacuum cleaner, 35 l "L" class certified

- two-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1100 W
- airflow rate: 55 l/sec.
- max. suction power: 220 mbar
- max. drum capacity: 35 l, made of antistatic PE-HD
- acoustic emissions: <70 dB(A)
- cable length: 6 m
- STANDARD ACCESSORIES, Ø 36 mm
- 1 corrugated hose with ergonomic handle
- 2 plastic extension tubes
- 1 combined brush frame
- 1 section with fluid collection hoses
- 1 flat nozzle
- FILTERING SYSTEMS
- 1 disposable fabric bag; filtration class: "L"
- 1 filter cartridge; IFA class: "L"
- 1 anti-foam filter PPI 45/PPI 30
- 2 post-filters made of PP-laminated PET

CE



IPX4

1872L 1 018720135

1873

solid and vacuum cleaner, 30 l, stainless steel drum

- two-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1100 W
- airflow rate: 55 l/sec.
- max. suction pressure: 220 mbar
- max. drum capacity: 30 l, made of stainless steel
- acoustic emissions: <61 dB(A)
- cable length: 6 m
- trolley for accessories
- STANDARD ACCESSORIES, Ø 45 mm
- 1 corrugated hose with ergonomic handle
- 2 stainless steel extension tubes
- 1 industrial brush frame
- 1 industrial section for carpets
- 1 industrial section with fluid collection hoses
- 1 flat nozzle
- FILTERING SYSTEMS
- 1 filter paper bag
- 1 surface filter cartridge 1900 cm², 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30

CE



1873 30 1 018730030

1874

solid and fluid vacuum cleaner, 50 l, stainless steel drum

- two-stage by-pass motor • voltage: 220/240 V
- frequency: 50/60 Hz • max. power: 1350 W
- airflow rate: 55 l/sec. • max. suction pressure: 240 mbar
- max. drum capacity: 50 l, made of stainless steel
- acoustic emissions: <63 dB(A)
- cable length: 6 m

• trolley for accessories

STANDARD ACCESSORIES, Ø 45 mm

- 1 corrugated hose with ergonomic handle
- 2 stainless steel extension tubes
- 1 industrial brush frame • 1 industrial section for carpets
- 1 industrial section with fluid collection hoses
- 1 flat nozzle

FILTERING SYSTEMS

- 1 filter paper bag
- 1 surface filter cartridge 5200 cm², 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30

CE



1874 50

1 018740050

1875LT

injection/extraction carpet/upholstery cleaner

Ideal for deeply cleaning textile surfaces. It dispenses pressure sprayed detergent and sucks it up with dirt, leaving surfaces almost dry

Supplied accessories:

- 1 hose complete with ergonomic handle
- 1 dispenser unit
- 2 hard extensions
- 1 small spray extraction nozzle
- 1 big spray extraction nozzle
- 6 power cord locknuts

CE



1875LT

1 018750000

1875SP/K3

kit of fabric cleaning brushes

- 1 flat brush Ø 48 mm
- 1 flat brush Ø 100 mm
- 1 hemispheric brush Ø 90 mm
- 1/4" impact socket drive

1/4



ISO 1173 E 6,3

1875SP/K3

1 018750010

1870-20/5S

5 horizontal paper bags for item 1870-1875LT



1870 20/5S

1 018700021

1870-72 /FC

cartridge filter 1900 cm² 12 - µm nom. for items 1870 - 1870I - 1873 - 1875LT



1870-72 /FC

1 018700026

1870-72/FL

fluid vacuum cleaning filter for items 1870 - 1870I - 1872L - 1873 - 1874 - 1875LT



1870 72/FL

1 018700027

1872L 35/FC

cartridge filter, "L" class, for item 1872L 35



1872L 35/FC

1 018720144

1872L 35/5S

5 disposable fabric bags, "L" class



1872L 35/5S

1 018720136

1873-30/5S

5 vertical paper bags for item 1873



1873 30/5S

1 018730031

1874-50/5S

5 vertical bags for item 1874



1874 50/5S

1 018740051

1874-50/FC

cartridge filter 5200 cm² - 12 µm nom. for item 1874



1874 50/FC

1 018740056

1877

exhausted oil drain unit, wheeled, with 90 l tank

- level indicator
- big diameter pan with breakwater grate; capacity: 12 l
- pneumatic tank emptying through 1.8 m pipe
- tool tray

CE



1877

1 018770008



1877A

exhausted oil drain unit / vacuum cleaner, wheeled, with 90 l tank and pre-chamber



- level indicator
- big diameter pan with breakwater grate; capacity: 12 l
- transparent pre-chamber: capacity 9.5 l
- 1.8 m suction pipe
- pneumatic tank emptying through 1.8 m pipe
- tool tray

Standard accessories:

- 1 hard probe, Ø 5x700 mm
- 1 flexible probe, Ø 5x700 mm
- 1 hard probe, Ø 6x600 mm
- 1 flexible probe, Ø 6x700 mm
- 1 flexible probe, Ø 7x700 mm
- 1 flexible probe, Ø 8x700 mm
- adapters for VW, BMW, CITROËN

CE




1877A   1 018770080

1877F

exhausted oil drain unit for 1 l bottles

- fits up to 4 bottles at a time
- Supplied with 2 2-l jerrycans



H mm 405 L mm 270 P mm 240   1 018770100

VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

Diagnostics	items 1438 to 1499 items 1758VT to 1760TMC
Engine	items 955 to 989A items 1438 to 1499
Oil and filters	items 1438 to 1499 items 1877 to 1885
Electric system	items 1438 to 1499
Starters	items 1498BC/12 to 1498/40A
Transmission	items 1438 to 1499
Suspension	items 1549 to 1569CP
Brakes	items 1438 to 1499
Wheels	items 955 to 989A
Body work	items 1302 to 1369 items 1763 to 1767A
Other equipment	items 1878 to 3067
Jacks	items 3029/2T to 3067/70-13T







1878 2

fluid collection tank

- maximum capacity: 2 l
- particularly suitable for changing oil in scooters






1878 2   2 H mm 85   1 018780002

1878 3

oil collection tank, for truck hubs

With oil drip catcher






1878 3  3   1 018780003

1878 4

fluid collection tank, portable

- suitable for motorcycles
- maximum capacity: 4 l
- reduced splashing



1878 4  4 H mm 100   1 018780004

1878 8

fluid collection tank

- height suitable for motorcycles
- maximum capacity: 8 l



1878 8  8 H mm 110   1 018780008

1878 11

fluid collection tank

- Maximum capacity: 11 l
- Fluid drain plug
- Interior wall for preventing fluid leakage during transportation

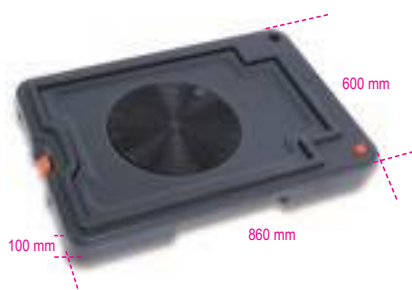


1878 11 11 1 018780011

1878 30

fluid collection tank

- Maximum capacity: 30 l
- Splashproof grate
- Fitted with 4 pivoting wheels



1878 30 30 1 018780030

1879

9.5 l manual/pneumatic operation fluid extractor



1879 1 018790001

1879 6

manual operation fluid extractor, 6 l



1879 6 1 018790000

1879R/K4

kit of 4 spare tubes for fluid extractor 1879



1879R/K4 1 018790504

1879/FUEL

manual operation fluid extractor, 6 l for use with hydrocarbons



1879/FUEL 6 1 018790010

1880

manual oil barrel pump

- for oil
- do not use with aqueous fluids, acid solvents, Diesel oil, petrol and the like
- complete with barrel connection, telescopic tube and delivery spout
- for use with 60, 100 and 200 l barrels

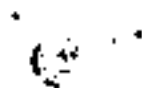


1880 or 240 1 018800001

1880ADB

rotary AdBlue® pump

- 5 litres supplied every twenty turns
- drum extensions up to 1.20 m
- 1 fine-pitch drum coupling, fine pitch
- 1 coarse-pitch drum coupling



1880ADB 1 018800101

1881

pneumatic barrel pump, ratio 3:1

CE

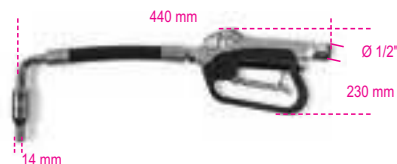


1881 18 l/min 1 018810001

1882

oil gun with flexible end and automatic drip catcher

- 1/2"
- Maximum delivery rate: 65 l/min
- Maximum operating pressure: 100 bar
- Lockable delivery lever



1882 1 018820010

1883

digital litre counter for oil

- 1/2"
- Shockproof rubber coating
- Battery: 1 CR2 (included)
- Max. delivery rate: 0+35 l/min (0+9 gal/min)
- Max. pressure: 50 bar (750 psi)
- Viscosity: 8+5000 mPas
- Tolerance: ±0.5%

CE



1883 1 018830035

1883NC

male-male nipple, 1/2, for items 1882 and 1883



1883NC 1 018830135

1884

oil filler tool
for manual and automatic gearboxes and
differentials

Complete with 12 adaptors for direct connection



1884

1 018840010

AT-101	FORD
AT-102	UNIVERSAL (Bmw, Honda, Nissan...)
AT-103	VW-AUDI
AT-104	VW-AUDI-PORSCHE
AT-105	VW-AUDI-MINI COOPER
AT-106	MERCEDES
AT-107	DSG
AT-108	VW-AUDI CVT
AT-109	VOLVO
AT-110	TOYOTA-LEXUS
AT-111	SKODA
AT-112	VW Passat/Tiguan <2007

1884/C12

case of adaptors for item 1884



1884/C12

1 018840100

1884N/C8

set of 8 adapters for item 1884

set contents:

- 1 adapter for Infiniti, 7-speed, M8x1.0
- 1 adapter for Honda, Hyundai, Kia 5x8x200 mm
- 1 adapter for Skoda M18x1.5
- 1 adapter for Mini M14x1.5
- 1 adapter for Nissan M10x1.5
- 1 adapter for Nissan Juke M12x1.25
- 1 adapter for GM M12x1.75
- 1 adapter for VAG group vehicles, 7-gear



1884N/C8

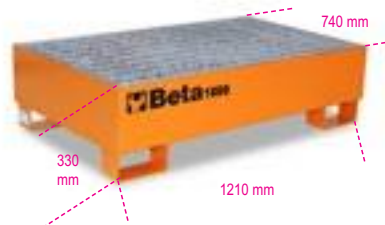
1 018840200

200x145x40 mm - 400 g

1889

steel handling and storage base
for 2 200-l barrels

- Completely hot painted with epoxy powder
- Easy to carry with a fork lift truck or a transpallet
- Support cannot be placed under any part



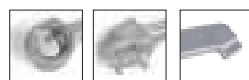
1889

1 018890200

1889CF

universal barrel opening wrench

- 1 female hexagon \varnothing 38 mm
- 1 4-sector profile \varnothing 42 mm
- 1 blade 17x7 mm



L
mm
270

1 018890010

1885

automatic gearbox maintenance station

Allows entire washing cycle to be safely performed in all automatic transmissions, through a simple, guided procedure. Avoids damage from wear of oil in automatic gearbox, thereby easily and quickly preventing typical malfunctions, including: excessive gearbox noise, jammed gears, abruptly engaged gears, long gear shifting time.



CE



Functional specifications:

- Automatic operation
- Step-by-step guided procedure with integrated database
- Balancing quantity of injected oil with same quantity of exhausted oil, thereby making sure that system always contains proper quantity of oil
- Flow meter for visual inspection of oil quantity
- Printing records of each operation

Automatic specifications:

- Injecting solvent (optional)
- Washing gearbox system
- Emptying oil out of sump
- Emptying oil out of converter
- Injecting oil into converter

Technical specifications:

- Power supply: 220 V 50 Hz
- Backlit oil viewers with 2 white light LEDs
- 2 electronic balances
- Electronic balances, resolution +/- 10 g
- Electronic card with backlit graphic display

1885

1 018850010

Beta

Beta

1885/C1

automatic transmission fittings kit for item 1885

Kit contents:

- 1885/C1-R1 Land Rover Freelander transmission fittings
- 1885/C1-R2 DP0 transmission fitting
- 1885/C1-R3 ZF 9HP transmission fitting
- 1885/C1-R4 ZF 9HP transmission dipstick
- 1885/C1-R5 Mercedes transmission dipstick
- 1885/C1-R6 AISIN TG82 transmission fittings
- 1885/C1-R7 AISIN TG81 transmission fittings
- 1885/C1-R8 Renault-Nissan transmission fittings



1885/C1 1 018850110

1885/C1-R1

Land Rover Freelander transmission fittings for item 1885

lc01430



1885/C1-R1 1 018850111

1885/C1-R2

DP0 transmission fitting for item 1885

lc0990



1885/C1-R2 1 018850112

1885/C1-R3

ZF 9HP transmission fitting for item 1885

lc0992



1885/C1-R3 1 018850113

1885/C1-R4

ZF 9HP transmission dipstick for item 1885

lc0192



1885/C1-R4 1 018850114

1885/C1-R5

Mercedes transmission dipstick for item 1885

K-A-M



1885/C1-R5 1 018850115

1885/C1-R6

AISIN TG82 transmission fittings for item 1885

lc01820



1885/C1-R6 1 018850116

1885/C1-R7

AISIN TG81 transmission fittings for item 1885

lc0150



1885/C1-R7 1 018850117

1885/C1-R8

Renault-Nissan transmission fittings for item 1885

lc02150



1885/C1-R8 1 018850118

1885/C2

automatic transmission fittings kit for item 1885

Kit contents:

- 1885/C2-R1 Audi 8HP transmission fittings
- 1885/C2-R2 ZF 9HP transmission fittings without exchanger
- 1885/C2-R3 Audi 0KC transmission fitting
- 1885/C2-R4 AG4-ZF 4HP transmission fittings
- 1885/C2-R5 FIAT transmission fittings
- 1885/C2-R6 Audi Q5-Q7 transmission fittings
- 1885/C2-R7 Audi 0B5 transmission fitting



1885/C2 1 018850120

1885/C2-R1

Audi 8HP transmission fittings for item 1885

lc0993



1885/C2-R1 1 018850121

1885/C2-R2

ZF 9HP transmission fittings without exchanger for item 1885

lc0860



1885/C2-R2 1 018850122

1885/C2-R3

Audi 0KC transmission fitting for item 1885

lc02020



1885/C2-R3 1 018850123

1885/C2-R4

AG4-ZF 4HP transmission fittings for item 1885

lc0750



1885/C2-R4 1 018850124

1885/C2-R5

FIAT transmission fittings for item 1885

lc0061



1885/C2-R5 1 018850125

1885/C2-R6

Audi Q5-Q7 transmission fittings for item 1885

lc0680



1885/C2-R6 1 018850126

1885/C2-R7

Audi 0B5 transmission fitting for item 1885

Ic01720



1885/C2-R7 1 018850127

1885/C3

automatic transmission fittings kit for item 1885

Kit contents:

- 1885/C3-R1 Mercedes DSG transmission fitting
- 1885/C3-R2 POWERSHIFT transmission fitting
- 1885/C3-R3 Toyota IQ transmission fittings
- 1885/C3-R4 Mazda transmission fittings
- 1885/C3-R5 Renault Laguna-Esp transmission fittings
- 1885/C3-R6 Nissan Juke transmission fittings
- 1885/C3-R7 AISIN TF71 FV transmission fittings
- 1885/C3-R8 AISIN TF71 FP transmission fittings
- 1885/C3-R9 AISIN TF71 FO transmission fittings
- 1885/C3-R10 AISIN TF71 FS transmission fittings



1885/C3 1 018850130

1885/C3-R1

Mercedes DSG fitting for item 1885

Ic0191



1885/C3-R1 1 018850131

1885/C3-R2

POWERSHIFT transmission fitting for item 1885

Ic0190



1885/C3-R2 1 018850132

1885/C3-R3

Toyota IQ transmission fittings for item 1885

Ic0991



1885/C3-R3 1 018850133

1885/C3-R4

Mazda transmission fittings for item 1885

Ic02130



1885/C3-R4 1 018850134

1885/C3-R5

Renault Laguna-Esp transmission fittings for item 1885

Ic02150



1885/C3-R5 1 018850135

1885/C3-R6

Nissan Juke transmission fittings for item 1885

Ic02140



1885/C3-R6 1 018850136

1885/C3-R7

AISIN TF71 FV transmission fittings for item 1885

Ic01420



1885/C3-R7 1 018850137

1885/C3-R8

AISIN TF71 FP transmission fittings for item 1885

Ic001420/1



1885/C3-R8 1 018850138

1885/C3-R9

AISIN TF71 FO transmission fittings for item 1885

Ic001420/2



1885/C3-R9 1 018850139

1885/C3-R10

AISIN TF71 FS transmission fittings for item 1885

Ic001420/3



1885/C3-R10 1 018850140

1885/XC60

Volvo XC60 transmission fittings for item 1885



1885/XC60 1 018850151

1893/134A

automatic charging station for R134a gas air conditioners

Fully automatic model, complete with car/lorry database with gas quantities, compressor oil quantities and types, self-diagnosis software for routine maintenance jobs.

Database can be updated via software.

Machine can be operated in both manual mode (provided it is controlled by a human operator step by step)

and in fully automatic mode (without requiring a human operator).



CE



R134A (250 ml)

FUNCTIONAL SPECIFICATIONS

Automatic operation

Car/lorry database with gas quantities and compressor oil quantities and types

Automatic gas recovery from pipe

Compensation of recharged quantity of gas in pipes

Automatic discharge of noncondensable gases

Automatic reporting of defects and required maintenance jobs

Gauges, ø 80 mm

Digital vacuummeter

TECHNICAL SPECIFICATIONS

Gas tank: 15 kg

Vacuum pump: 75 l/min

Electronic balance: 50 kg

Electronic card with backlit display

Recovery rate: 500 rpm

Power supply: 220 V

1893/134A 1 018930001

1893/1234YF

automatic charging station for R1234yf gas air conditioners

Fully automatic model, complete with car/lorry database with gas quantities, compressor oil quantities and types, self-diagnosis software for routine maintenance jobs. Database can be updated via software. Machine can be operated in both manual mode (provided it is controlled by a human operator step by step) and in fully automatic mode (without requiring a human operator).



CE



1234YF (250 ml)

FUNCTIONAL SPECIFICATIONS

Automatic operation
Car/lorry database with gas quantities and compressor oil quantities and types
Automatic gas recovery from pipe
Compensation of recharged quantity of gas in pipes
Automatic discharge of noncondensable gases
Automatic reporting of defects and required maintenance jobs
Gauges, \varnothing 80 mm
Digital vacuummeter

TECHNICAL SPECIFICATIONS

Gas tank: 15 kg
Vacuum pump: 75 l/min
Electronic balance: 50 kg
Electronic card with backlit display
Recovery rate: 500 rpm
Power supply: 220 V

1893/1234YF

1 018930012

1893TR/134A

R134a gas tracer



1893TR/134A

ml
250

1 018930901

1893TR/1234YF

R1234yf gas tracer



1893TR/1234YF

ml
250

1 018930902

1893TR/CI

hybrid compressor tracer



1893TR/CI

ml
250

1 018930903

1895G

control generator for (petrol and LPG) electro-injectors and solenoid valves

Makes it possible to autonomously test efficiency of such parts as:

- EGR solenoid valves
- electro-injectors of petrol and LPG engines
- solenoid valves for variable-geometry turbine adjustment
- compressors for new-generation air conditioners



CE

Benefits:

- Makes it possible to understand whether part is working mechanically
- Combined with ultrasonic cleaning tanks, it allows more efficient cleaning of parts, electronically controlling part during washing phase
- Essential for air conditioner testing, to check whether compressor and its control valve are efficient

Specifications

Petrol and LPG injector control:

- Number of outlets: 4
- Test duration: 1-60 s
- Operating time: 5-10 ms
- Impulse frequency range: 1-10 Hz

PWM device control:

- Number of outlets: 1
- Test duration: 1-60 min
- Automatic or manual
- Duty cycle adjustment: 10%-85%
- Signal frequency regulation: 120-250 Hz

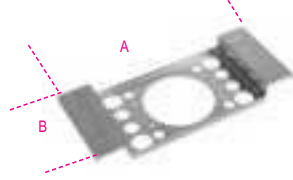
1895G

1 018950800

1895/S

adjustable support for ultrasonic cleaning tanks 1895

Allows injectors to be correctly placed during washing in ultrasonic cleaning tank



1895/S

A mm
340

B mm
140

1 018950501

1895 6

ultrasonic cleaning tank,
6 l

with special degas function



CE

Features:

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (injectors, carburettors, valves etc.)
- Digital display for temperature and cleaning time selection
- Two cleaning modes: "soft" and "normal"
- For normal cleaning, just use water at a temperature of 50/60 °C
- For more accurate cleaning, add non-foaming detergent specific for ultrasonic tanks
- Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

Technical Data

- Tank capacity: 6 l
- Drain tap
- Power: 150 W
- Heating power: 300 W
- Temperature range: 0+80 °C
- Cleaning time range: 0-99 minutes
- Frequency: 40 kHz
- Power supply: 220/230V
- Overall dimensions: 330x180x310 mm
- Tank dimensions: 300x155x150 mm
- Basket dimensions: 250x105x100 mm
- Maximum capacity: 5.5 kg

1895 6

Max
5,5

1 018950060

1895 13

ultrasonic cleaning tank,
13 l

with special degas function



CE

Features:

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (injectors, carburettors, valves etc.)
- Digital display for temperature and cleaning time selection
- Two cleaning modes: "soft" and "normal"
- For normal cleaning, just use water at a temperature of 50/60 °C
- For more accurate cleaning, add non-foaming detergent specific for ultrasonic tanks
- Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

Technical Data:

- Tank capacity: 13 l
- Drain tap
- Power: 300 W
- Heating power: 400 W
- Temperature range: 0+80 °C
- Cleaning time range: 0-99 minutes
- Frequency: 40 kHz
- Power supply: 220/230V
- Overall dimensions: 350x325x320 mm
- Tank dimensions: 325x235x145 mm
- Basket dimensions: 257x185x100 mm
- Maximum capacity: 12 kg

1895 13

Max
12

1 018950130

1895 27

ultrasonic cleaning tank,
27 l

with special degas function



CE

Features:

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (carburetors, valves etc.)
- Digital display for temperature and cleaning time selection
- Two cleaning modes: "soft" and "normal"
- For normal cleaning, just use water at a temperature of 50/60 °C
- For more accurate cleaning, add non-foaming detergent solutions specific for ultrasonic tanks
- Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

Technical Data:

- Tank capacity: 27 l
- Drain tap
- Power: 500 W
- Heating power: 500 W
- Temperature range: 0+80 °C
- Cleaning time range: 0-99 minutes
- Frequency: 40 kHz
- Power supply: 220/230V
- Dimensions: 530x330x380 mm

1895 27 Max 25 1 018950270

1895/RC

rack for ultrasonic tanks 1895



	L mm	L1 mm	A mm	
1895/RC6	250	105	100	1 018950506
1895/RC13	257	185	100	1 018950513
1895/RC27	450	250	150	1 018950527

9881U



9881U 1 (1-2) 526
9881U 1 (3) 526

9882R



9882R 1 (1-2) 526
9882R 1 (3) 526

1897

professional bench sander

Particularly recommended for surface finishing jobs on several materials (metal, plastic, glass, ceramic, wood etc.). The cabin is made from properly reinforced sheet steel which results in unparalleled sturdiness and firmness.

The cabin is equipped with the following:

- loading door with magnet closure
- perforated sheet metal top
- standard connection for vacuum cleaners, ø 36 mm
- protective polycarbonate viewing window, 6 mm
- LED lamp
- pneumatic circuit (compressed air inlet)
- sanding gun with trigger operation



CE

TECHNICAL DATA

Useful dimensions of cabin: 600x520x320 mm
Overall dimensions: 660x530x500 mm
Weight: 38 kg
Worktop: perforated sheet metal
Lighting: LED
Air consumption: 340 l/min at 7 atm
Power supply: 220 V - 50 Hz

1897 1 018970066

1897/CRB

corundum for sander 1897 in 25 kg bag



1897/CRB 1 018970101

1897/G

garnet for sander 1897 in 25 kg bag



1897/G 1 018970104

1897/MV

glass microspheres for sander 1897 in 25 kg bag



1897/MV 1 018970103

1898/K40

Eco friendly, heated manual
cleaning tank

- Using the bio-active liquid included, oil and residue can be effectively removed from mechanical parts without the need for aggressive chemicals
- The bio-active liquid converts the oil and other residue into carbon dioxide and water which can be re-used again and again
- no need for specialist waste collection and disposal
- suitable for both metal and plastic parts



CE

Equipment:

- Long bristle brush and connecting pipe
- Right-hand and left-hand operation function
- Perforated stainless steel grid
- Wheels with brakes
- Card with display operating temperature and low level alert

Accessories Included:

- 2 20 l cans of environmentally friendly liquid detergent and 2 packs of bacteria
- 2 packs of bio-active liquid

Technical data:

- Max. pump capacity: 10 l/min
- Tank capacity: 40 l
- Operating temperature: +5 °C ÷ +40 °C
- Dimensions: 900 x 1000 x 750 mm
- Weight: 50 kg (when empty)

Attention:

Countries where product 1898/K40 is allowed to be distributed: Austria, Belgium, France, Hungary, Italy, Netherlands, Poland, Portugal, Spain, United Kingdom.

1898/K40 1 018980004

ATTENTION

Countries where product 1898/K40 is allowed to be distributed: Austria, Belgium, France (from 2021), Hungary, Italy, Netherlands, Poland, Portugal, Spain, United Kingdom.

1898/B

bottle of bacteria, 400 ml
for part cleaning tank 1898/K40



1898/B 1 018980904



CAUTION:

Countries where item 1898/B is allowed to be distributed: Austria, Belgium, France, Italy, Netherlands, Poland, Portugal, United Kingdom, Spain, Hungary

1898/D

tank of environmentally friendly detergent liquid,
20 l, for part cleaning tank 1898/K40



1898/D   1 018980920

CAUTION:

Countries where item 1898/D is allowed to be distributed:
Austria, Belgium, France, Italy, Netherlands, Poland,
Portugal, United Kingdom, Spain, Hungary

1898/M

pressure sprayer
with 2 l tank

- adjustable nozzle with straight jet and mist spray
- graduated scale (0.5 l - 1 l - 1.5 l - 2 l)
- locking lever for continuous jet
- not for use with hydrocarbons



H mm   340 1 018980930

1898/S

hand pressure pump
with 5 l tank

- stainless steel nozzle
- locking lever for continuous jet
- adjustable nozzle with straight jet and mist spray
- shoulder strap for ease of transport
- nozzle hook-up handle
- 1.2-m-long hose
- not for use with hydrocarbons



H mm   415 1 018980932



1899A

DPF/FAP® system cleaning machine

Special detergents can be used to periodically clean and restore DPF and FAP® systems damaged by soot and ash deposits.





CE

Supplied with:

- 1 2-m-long feed pipe
- 1 quick coupler + hose nozzle for differential sensor hoses
- 1 niple M18x1.5 with hose nozzle for direct connection to lambda probe
- 1 extension hose
- 1 DPF/FAP® spray nozzle
- 1 magnetic pipe support
- 1 DPF/FAP® pipe with adjustment cable gland plus niple M14/16/18 mm for connecting lambda probes

Technical specifications:

- Operating voltage: 12 V
- Power supply cord length: 3.9 m
- Tank capacity: 1 l

1899A   1 018990010

1899SI

2-in-1 machine for cleaning injectors and intake manifold

special detergents can be used to periodically clean the injectors and the intake manifold in diesel and petrol engines, removing carbonaceous deposits and combustion residues



CE

Specifications:

- Operating voltage: 12 V
- 2 service hoses with quick couplers
- 2 tanks (capacity: 1 l each)

1899SI   1 018990030

2080/VG

ABS organizer tool case with swivel trays

- With upper small parts organizer (145 mm in diameter) and 4 swivel trays:
- 1 tray 305 mm in diameter
- 3 trays 445 mm in diameter
- Supplied complete with 12 partitions for use in 3 larger swivel trays, to obtain up to 8 compartments per level





2080/VG   1 020800100

445x445x550 mm - 3,4 kg

2250-0

heavy duty swivel creeper seat with tray





2250-0   1 022500011

2252

seat with castors





2252-G   1 022520002

2252KR4

spare seat castors 2252



2252KR4   1 022520900

2258-0

heavy duty creeper with tool chest



2258-0 1 022580011

NOT AVAILABLE IN THE USA, CANADA AND MEXICO

2254A

car covers, for outdoor use, water-repellent and UV-resistant

These covers are ideal for protecting damaged vehicles while waiting to be repaired

Technical specifications

- exterior finish with UV protection treatment
- soft, nonscratch interior finish
- 6 adjustment strings for making cover fit close to car
- 2 front door zips to allow access to vehicle without having to remove cover
- mirror seats
- reflecting



3 versions:

- Size M recommended for compact cars
- Size L recommended for saloon cars and station wagons
- Size XL recommended for SUVs

	LxPxH mm		
/M	4400x1450 x1300	1	022540002
/L	5300x1450x1150	1	022540000
/XL	4700x1450x1580	1	022540001

2254C

suction cup protector for vehicles' bodies

Made of plastic-coated fabric, with 4 suction cups on top side



	L1 mm	L2 mm		
2254C	1150	650	1	022540200

2254F

car front protector

Allows front part of vehicle to be protected, while leaving openings for headlights and radiator



- Waterproof
- Resistant to oil and grease
- Strap fixing
- Material: 98% polyamide/nylon, 2% polyurethane

2254F 1 022540150

2254K

reusable seat, steering wheel and gear knob protector

Suits most car seats, steering wheels and gear knobs



2254K 1 022540101

2254SM

creeper mat, made of EVA

Double finish:

- 1 side in soft EVA
- 1 side in hard carbon look for improved slip performance



2254SM 1 022540033

2254T

kneeling pad

made from non-slip EVA foam



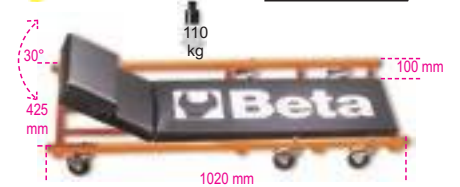
2254T 1 022540047

3000L

creeper

- PVC lining with upholstered foamed rubber designed for remarkable comfort

ADJUSTABLE HEAD-REST BY PROGRESSIVE AIR SPRING



3000L 1 030000210

3000L/RLS

spare creeper castors

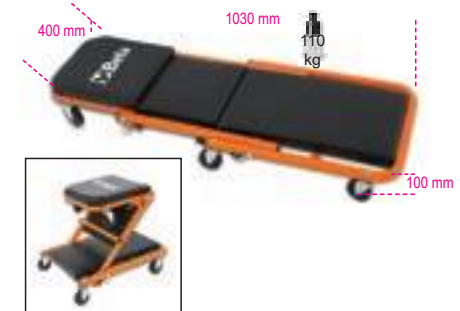


3000L/RLS 6 030000212

3002

creeper and seat

- Steel frame
- PVC lining with upholstery
- Easily convertible into a creeper or a seat



3002 1 030020001

3002/RLS

6 spare wheels for creeper 3002

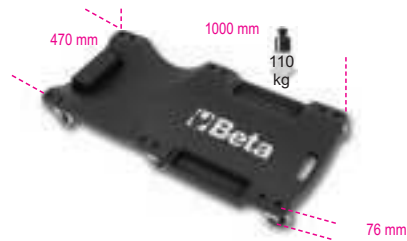


3002/RLS 1 030020051

3003

creeper
made of shockproof plastic

- Wheel Ø: 76 mm



3003 1 030030001

3003/RLS

6 spare wheels for creeper 3003



3003/RLS 1 030030501

3003C

creeper made of shockproof plastic

- Complete with:
- head and lumbar region with carbon look finish
 - upper metal plates for fixing magnetic accessories
 - 6 rubber castors, 79 mm in diameter
 - Max. capacity: 120 kg
 - Weight: 5.5 kg



3003C 1 030030100

3003C/RLS

6 spare wheels for creeper 3003C



3003C/RLS 1 030030600

3003PRO

creeper made of shockproof plastic

- Complete with:
- ergonomic head cushion
 - soft back protector
 - 2 178 mm double bearing castors for trouble-free use on uneven surfaces and pipes/cables
 - 1 castor
 - double height adjustment from the ground: 38 or 76 mm
 - 2 portable LED lamps (250 lumens) with fixing magnets
 - load capacity: 200 kg
 - weight: 7.7 kg



C max	H min	H Max	H1
kg	mm	mm	mm
200	170	230	230

3003PRO 1 030030150

3003PRO/SP

wall-mounted plastic support for creeper 3003PRO

can be mounted to walls, bridge jacks, chests of drawers or other equipment, thereby allowing creeper to be fixed through a quick system with safety closure.



3003PRO/SP 1 030030151

3003PRO/PM

magnetic tool holder, round, for creeper item 3003PRO

can be applied to wheel rims of creeper to retain small items during jobs



3003PRO/PM 1 030030152

3003PRO/RCL

spare rear wheels for creeper 3003PRO, pair



3003PRO/RCL 1 030030650

3003PRO/RRG

spare front castor for creeper 3003PRO



3003PRO/RRG 1 030030651

3003PRO/RT

LED inspection lamp with spare magnets for creeper 3003PRO

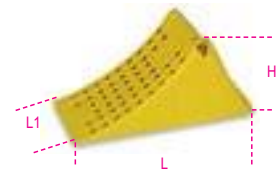
- 250 lumens
- Batteries: 4xAAA (not included)



3003PRO/RT 1 030030652

3004

wheel stop wedge



	H	L	L1
	mm	mm	mm
3004	225	475	200

3004 1 030040000



VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

Diagnostics	items 1438 to 1499 items 1758VT to 1760TMC
Engine	items 955 to 989A items 1438 to 1499
Oil and filters	items 1438 to 1499 items 1877 to 1885
Electric system	items 1438 to 1499
Starters	items 1498BC/12 to 1498/40A
Transmission	items 1438 to 1499
Suspension	items 1549 to 1569CP
Brakes	items 1438 to 1499
Wheels	items 955 to 989A
Body work	items 1302 to 1369 items 1763 to 1767A
Other equipment	items 1878 to 3067
Jacks	items 3029/2T to 3067/70-13T



3006

jack and positioner for tractor and excavator wheels

- max. capacity: 1,500 kg
- min. wheel diameter: 1,000 mm
- max. wheel diameter: 2,200 mm
- max. wheel thickness: 800 mm

CE



3006

1 030060000

3006 R/RGF

spare castor with brake for wheel jack and positioner 3006



3006 R/RGF

1 030060501

3006 R/RG

spare castor for wheel jack and positioner 3006



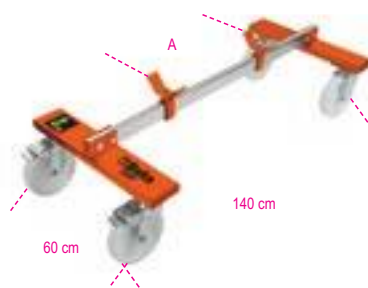
3006 R/RG

1 030060502

3007

underbody trolley for vehicles without forecarriage / rear axle

- Allows vehicles without forecarriage or rear axle to be easily handled while working
- 4 pivoting wheels, including 2 with brakes, suitable for use in painting furnaces
 - 2 sliding supports to fit all chassis
 - max. capacity: 800 kg



3007
A Max mm
110

1 030070001

3007 R/RGF

spare castor with brake for vehicle underbody trolley 3007



3007 R/RGF

1 030070501

3007 R/RG

spare castor for vehicle underbody 3007



3007 R/RG

1 030070502

3008

jack and positioner for single and twin truck wheels

- max. capacity: 700 kg
- min. height: 140 mm
- max. height: 660 mm
- distance between rollers: 470÷740 mm
- hydraulic overloading safety device
- front pivoting wheels

CE



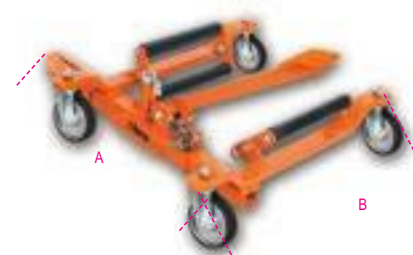
3008

1 030080100

3009

wheel lifter

- Maximum lifting capacity: 550 kg
4 pivoting rollers
Roller width: 200 mm
For wheels up to 240 mm in width



A
400+850 mm

B
600 mm

1 030090001

3009R/GR4

4-wheel groups for trolleys 3009 R/GR4

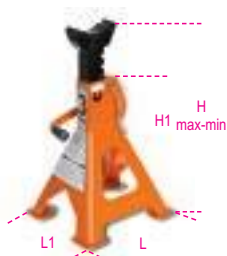


3009R/GR4

1 030090501

3010/T...

jack stands, pair



C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm
2000	280	425	245	185	165

3010T 2

1 030100002

C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm
3000	285	430	250	180	195

3010T 3

1 030100003

C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm
6000	400	580	340	245	280

3010T 6

1 030100006

C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm
10000	471	735	420	330	290

3010T 10

1 030100010

3011/T

hydraulic bottle jacks

CE



C max kg	H min mm	H Max mm	L mm
3500	170	366	86

3011T 3.5

1 030110035

C max kg	H min mm	H Max mm	L mm
5000	203	467	118

3011T 5

1 030110050

C max kg	H min mm	H Max mm	L mm
10000	220	484	114

3011T 10

1 030110100

C max kg	H min mm	H Max mm	L mm
15000	230	497	113

3011T 15

1 030110150

C max kg	H min mm	H Max mm	L mm
20.000	245	521	115

3011T 20

1 030110200

3010H

heavy-duty jack stands



C Max kg	H min mm	H Max mm	L mm	L1 mm
15,000	445	631	300	300

3010H 750

1 030100150

C Max kg	H min mm	H Max mm	L mm	L1 mm
15,000	645	1077	300	300

3010H 1100

1 030100165

3010V

heavy-duty jack stands,
screw adjustable



C Max kg	H min mm	H Max mm	L mm	L1 mm
20,000	410	600	330	330

3010V 680

1 030100200

C Max kg	H min mm	H max mm	L mm	L1 mm
20,000	665	1090	460	460

3010V 1170

1 030100220

3012

engine brackets



L mm	C max kg
1500	500
1800	400

1 030120010

1 030120018

3012C

lower engine bracket

ideal for cars and commercial vehicles

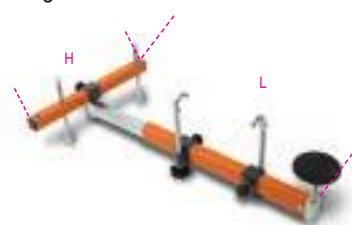


3012C

1 030120255

3012I

lower engine bracket



L mm	H mm
3012I 630=960	190

1 030120250



3014

engine stand



3014

1 030140010

3014R/GR5

5 spare wheels for engine stand 3014



3014R/GR5

1 030140501

3014 SAR

folding engine stand

- Easy to fold up, for significantly increased compactness
- Allows 360° rotation of engine or gear
- Provides unparalleled safety and stability during jobs

Maximum capacity: 450 kg



3014SAR

1 030140360

3014SAR/RR

4 spare wheels for engine stand 3014SAR

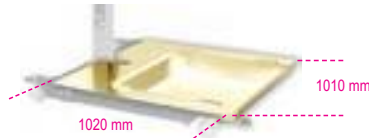


3014SAR/RR

1 030140370

3014SAR/1

fluid collection tank for item 3014 SAR



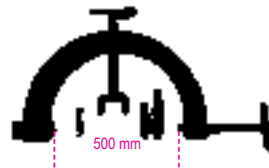
3014SAR/1

1020x1010x11 mm

1 030140361

3014SAR/2

clamp for fixing transmission gear on stand item 3014 SAR



3014SAR/2

1 030140362

3023

pit and under bridge jack with screw adjustment

maximum carrying capacity: 400 kg



	H	Ø
	min-Max mm	mm
3023	1350+2030	300

1 030230050

3025

folding hydraulic crane with dual effect pump

Maximum capacity: 1 t

CE



H	P	L	L1
mm	mm	mm	mm
1650	1560	1000	835

1 030250001

3025/RF

2 spare fixed wheels for hydraulic crane 3025



3025/RF

1 030250901

3025/RG

2 spare swivel wheels for hydraulic crane 3025



3025/RG

1 030250902

3025/PF

barrel handling pliers

Maximum capacity: 300 kg

CE



	A mm	B mm
3025/PF	550+640	70

1 030250011

3026 0,3

hydraulic pit and under bridge jack

CE



H min	H Max	L	L1	Ø
mm	mm	mm	mm	mm
1120	1970	450	450	25

1 030260003

3026/R0,3

4 spare swivel wheels for hydraulic jack 3026 0,3



3026/R 0,3

1 030260903

3026 0,5

hydraulic pit and under bridge jack

Maximum capacity: 500 kg

CE



H min	H Max	L	L1	Ø
mm	mm	mm	mm	mm
1140	1990	600	550	30

1 030260005

3026/R0,5

4 spare swivel wheels for hydraulic jack 3026 0,5



3026/R 0,5

1 030260905

3026 1,0

hydraulic pit and under bridge jack

Maximum capacity: 1 t

CE



H min	H Max	L	L1	Ø
mm	mm	mm	mm	mm
1140	1990	650	550	35

1 030260010

3026/R 1,0

4 spare swivel wheels for hydraulic jack item 3026 1,0



3026/R 1,0

1 030260910

3026/S

swivel transmission gear support with reduction bushes for jacks item 3026

Maximum capacity: 500 kg

CE



3026/S

1 030260501

3026/SP

universal transmission support

Allows one operator to disassemble and reassemble any transmissions of cars, commercial vehicles and off-rovers quickly and safely.

CE



3026/SP

1 030260505

3026/SA

wheel hub support for pit jacks

• for use for maintenance jobs relating to hubs, and during shock absorber replacement jobs
• can be adapted to hydraulic pit jacks items 3026 0,3 and 3026 0,5



3026/SA 30,4

1 030260510

3026/SAM

shock absorber support for pit jacks

- for use for supporting shock absorber when suspension arm is removed
- shock absorber bracket, max. diameter 80 mm, plus adapter for max. diameters 60 mm
- can be adapted to hydraulic pit jacks items 3026 0.3 and 3026 0.5



3026/SAM

1 030260515

3027 10

hydraulic bench press with moving piston

Maximum capacity: 10 t

CE



3027 10

90 kg

1 030270010

3027 20

hydraulic press with moving piston 20 t

Maximum capacity: 20 t

CE



3027 20

131 kg

1 030270020

3027 30

hydraulic press with moving piston and hoist

Maximum capacity: 30 t

CE



3027 30 1 030270030
 245 kg

3027 50

hydraulic press with moving piston and hoist

Maximum capacity: 50 t

CE



3027 50 1 030270050
 368 kg

3027 100

motorized electro-hydraulic press with moving piston

technical specifications:

- maximum capacity: 100 t
- power supply: 380 V (three-phase)
- frequency: 50 Hz
- electric motor power: 1.5 kW
- double speed control unit
- operated by a lever distributor
- pallet lifting by means of chains



- For transportation safety reasons, the press is sold without oil (Eni OSO 46 - ESSO NUTO 46 or equivalent oils).
- Power supply cord is not included.

3027 100 1 030270100
 980 kg

3027/KP

set of pin punches and plate for press item 3027



3027/KP10	3027 10	1	030270510
3027/KP20	3027 20	1	030270520
3027/KP30	3027 30	1	030270530
3027/KP50	3027 50	1	030270550
3027/KP100	3027 100	1	030270551

3027/KPP50

pedal control for hydraulic press item 3027 20-30-50



3027/KPP50 1 030270555

3027/PR

press supporting tool for removal/insertion of hubs, bearings and silent blocks

Universal system which allows user to mount/dismount hubs, bearings and silent blocks into/from their housings by operating under a press, through a supporting base and its accessories. Tool can adapt to irregular geometric shapes of hubs/king pins on which operator must work.



Technical Data:

- Working range: min. 130 mm - max. 186 mm
- Dimensions: 300 x 300 mm
- Weight: 13 kg
- Max. load-bearing capacity: 20 t

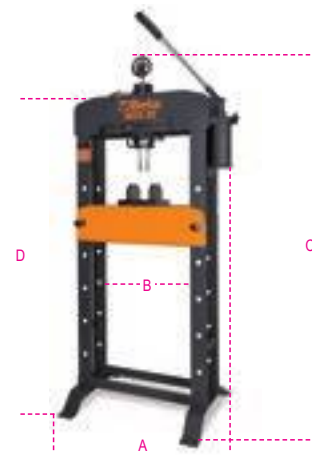
3027/PR 1 030270400

3028 20

hydraulic press with moving piston

maximum capacity: 20 t
 vertically adjustable top
 sliding piston

CE



A	B	C	D	
mm	mm	mm	mm	
850	540	1830	1602	1 030280020

3028SP/20

protective screen for presses 3028 20



3028SP/20 1 030280021

PRESSES

Beta offers a comprehensive range of presses :

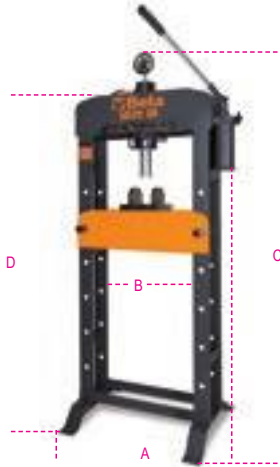
- namely series **3027**, recommended for intensive use, thanks to the first-rate materials and finish
- and series **3028**, which can boast an excellent quality/price ratio.

3028 30

hydraulic press with moving piston

maximum capacity: 30 t
vertically adjustable top
sliding piston

CE



A	B	C	D
mm	mm	mm	mm
850	540	1850	1650

1 030280030

3028SP/30

protective screen
for presses 3028 30



3028SP/30

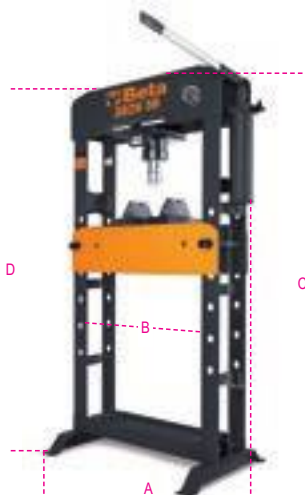
1 030280031

3028 50

hydraulic press with moving piston and hoist

maximum capacity: 50 t
vertical top adjustment through hoist
sliding piston

CE



A	B	C	E
mm	mm	mm	mm
1100	750	1850	820

1 030280050

3028SP/50

protective screen
for presses 3028 50



3028SP/50

1 030280051

3029/2T

lowered hydraulic jack, 2 t, with 4 wheels

- Quick approach pedal
- Steel frame and nylon wheels
- Minimum height: 75 mm

CE



3029/2T

1 030290020

3029L/2T

long, lowered jack, 2 t

Makes it possible to work on vehicles with reduced height
from the ground and internal lifting point

- Controlled descent speed
- Quick approach pedal
- Nylon wheels

CE



3029L/2T

1 030290120

3029/2T-L/RP

spare 85-mm rubber plate for items
3029/2T and 3029L/2T



3029/2T-L/RP

1 030290502

3029/2T-L/R6

spare rear wheel
for items 3029/2T, 3029L/2T, 3030H/2T,
3033E/3T



3029/2T-L/R6

1 030290506

3029/2T-L/R5

spare front wheel for
jacks item 3029/2T and item 3029L/2T



3029/2T-L/R5

1 030290505

3030/2T

lowered car jack, 2 t
with 6 wheels

- dual front tilting wheels made of plastic material (PTFE)
- car jack can be easily handled on uneven, irregular floors
- maximum capacity: 2 tons

CE



3030/2T

1 030300020

43 kg

3030/2T-R5

front wheel with pin for jack 3030 2T



3030 2T/R5

1 030300505

3030/2T-R6

spare rear wheel for item 3030/2T



3030 2T/R6

1 030300506

3030/2TRP

spare 85-mm rubber plate
for item 3030/2T



3030/2TRP 5 030300501

3030H/2T

high-lift hydraulic jack,
2 t, with 6 wheels

makes it possible to work on vehicles that are high from the ground and have a long shock absorber travel • controlled descent speed

- quick approach pedal
- nylon wheels

CE



H	L	L1
min-Max mm	mm	mm
85+780	1010	300

1 030300220

3033/3T

hydraulic jack, 3t
long version

- For use on commercial vehicles
- Maximum capacity: 3 t
- Polyamide wheels

CE



3033/3T 1 030330030

3033E/3T

hydraulic jack,
3 t

- controlled descent speed
- nylon wheels

CE



H	L	L1
min-Max mm	mm	mm
95+515	700	370

1 030330130

3033S 3T/R2

spare front wheel
for jack 3033E/3T



3033S 3T/R2 1 030330532

3035

tyre trolley

- 2 castors Ø 260 mm
- 2 castors Ø 125 mm
- Maximum carrying capacity: 200 kg
- Forks can be adjusted in 2 positions:
first position: maximum opening 880 mm
second position: maximum opening 980 mm
- Can be used as a top by locking position horizontally



3035 1 030350100

3036

wheel handling base

Non-marking rubber castors



3036 1 030360063

3061/2T

air hydraulic jack, 2 tons - 2 stages

CE



Fitted with:

- high-resistance three-layer diaphragm and internal telescopic guide
- end-of-stroke stop and overloading safety valve
- can also be used on auto lifts

TECHNICAL DATA

capacity: 2 t
weight: 14 kg
power supply pressure: 8-10 bar
height: min.132 - max. 326 mm

3061/2T 1 030610020

3061/2T-P50

50-mm extension for item 3061/2T



3061/2T P50 1 030610021

3061/2T-P100

100-mm extension for item 3061/2T



3061/2T P100 1 030610022

3065/20-10T

air hydraulic jack, 20-10 t, with case

Portable and lightweight, ideal for road assistance operations



- Supplied with two extensions, 75 and 60 mm long

TECHNICAL DATA

capacity: 20-10 t
weight: 23 kg
power supply pressure: 8-10 bar
air consumption: 400 l/min

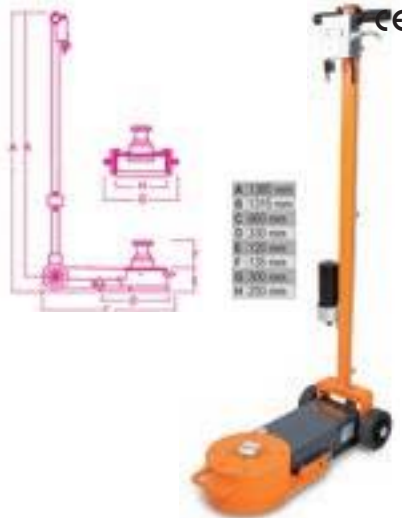
3065/20-10T



3067/60-15T

air hydraulic jack, 60-30-15 t

With a minimum height of no more than 120 mm, it is particularly suitable for use on buses, coaches and public means of transport



- Automatic piston return
- Two descent valves with under load speed control
- supplied with two extensions, 70 and 120 mm long

TECHNICAL DATA

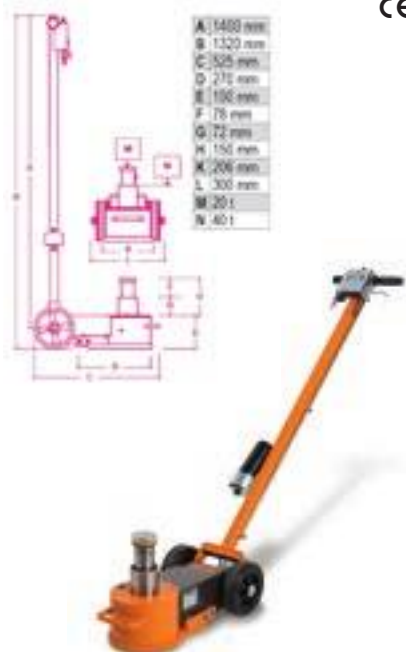
capacity: 60-30-15 t
weight: 56 kg
power supply pressure: 8-10 bar
air consumption: 600 l/min

3067/60-30-15T



3065/40-20T

air hydraulic jack, 40/20 tons



- suitable for use on heavy vehicles
- functional and easy to handle, for transportation on mobile repair shops as well
- automatic piston return
- two descent valves with under load speed control

TECHNICAL DATA

capacity: 40/20 tons
weight: 39 kg
power supply pressure: 8-10 bar
air consumption: 400 l/min

3065/40 20T



3067/70-13T

air hydraulic jack, 70-43-23-13 t



- Long version, suitable for use on lorries, articulated vehicles, buses and coaches, and agricultural machines
- automatic piston return
- two descent valves with under load speed control

TECHNICAL DATA

capacity: 70-43-23-13 tons
weight: 74 kg
power supply pressure: 8-10 bar
air consumption: 600 l/min

3067/70 13T



Beta



MOTORCYCLE TOOLS

Beta's products are synonymous with unparalleled quality and reliability, as the result of eighty years of experience and tradition.

Our products are regularly updated, their quality being highly appreciated by the engineers and mechanics of the best racing teams in the Road Racing World Championship Grand Prix, Superbike World Championship, Motocross World Championship and World Enduro Championship.



3040C

rear motorcycle stand, adjustable

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Includes V-shaped sliders, pair
- Includes L-shaped sliders, pair



3040C 1 030400002

3040C/S1

V-shaped sliders, pair, for item 3040C



3040C/S1 1 030400503

3040C/S2

rubber L-shaped sliders, pair, for item 3040C



3040C/S2 1 030400504

3041C

front motorcycle stand, adjustable

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Includes roller sliders, pair
- Includes cone-shaped sliders, pair



3041C 1 030410002

3041C/12

roller sliders, pair, for item 3041C



3041C/12 1 030410512

3041C/16

cone-shaped sliders, for item 3041C



3041C/16 1 030410516

3042C

front stand for motorcycle steering pin

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Includes 8-pin kit Ø 13 - 15 - 15.5 - 17 - 19 - 20 - 21 - 27



3042C 1 030420002

3043C

motorcycle stand with left single arm

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Optional pin



3043C 1 030430002

3043C/ 41÷47

pin for item 3043C



	∅ mm	
3043C/41 Ducati	21,5 ÷ 25,5	1 030430551
3043C/42 KTM - Triumph	27,5	1 030430552
3043C/43 MV	42,5	1 030430553
3043C/44 Ducati	40,5	1 030430554
3043C/45 Honda	28,5	1 030430555
3043C/47 BMW	53,5	1 030430557

3047C

pedal stand for cross/enduro motorcycles



3047C 1 030470002

3048C

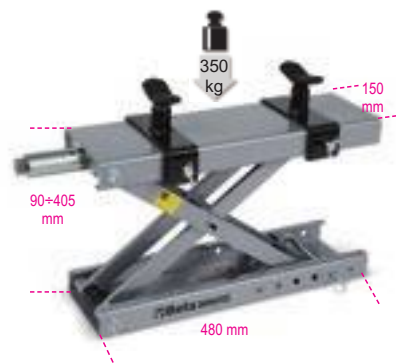
Steel racing cross stand



3048C 1 030480002

3050/CC

chock cradle centre stand for Custom, Enduro, Cross, Scooter motorcycles includes adjustable support kit



3050/CC 1 030500012



3050/600

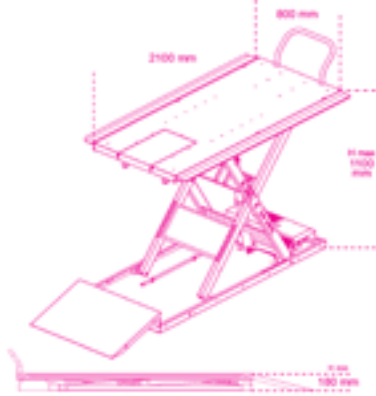
electro-hydraulic motorcycle jack,
600 kg



CE



3050/O
3050/G
3050/R



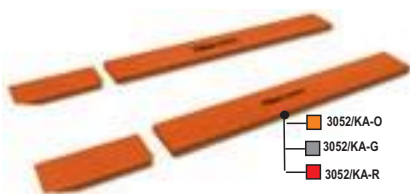
Technical specifications:

- Electrical, mechanical and hydraulic safety devices
- Capacity: 600 kg
- Integrated electro-hydraulic unit: 230V - 50 Hz
- Hydraulic pump
- Controlled downward speed
- Safety fuses for protection in case of cable cuts
- Control push button panel
- CE-certified, TÜV-approved

	L	L	H min	H Max	
	mm	mm	mm	mm	
3050/O	975	2100	185	1110	1 030500201
3050/G	975	2100	185	1110	1 030500202
3050/R	975	2100	185	1110	1 030500203

3050/KA

widening kit for jack item 3050/600



3052/KA-O
3052/KA-G
3052/KA-R

	A	B	
	mm	mm	
3050/KA-O	107,5	2100	1 030500221
3050/KA-G	107,5	2100	1 030500222
3050/KA-R	107,5	2100	1 030500223

3050/MS

wheel clamp for jack item 3050/600



allows motorcycle front wheel to be locked to bridge



3050/MS	1 030500032
---------	-------------

3050/MV

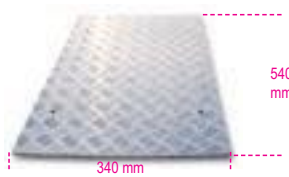
mechanical screw wheel clamp
for jack 3050/600



3050/MV	1 030500034
---------	-------------

3050/LA

non-slip sheet metal top
for jack item 3050/600



3050/LA	1 030500062
---------	-------------

9562T1

garage mat, 100X80 cm



particularly suitable for use under motorcycle tyre levers
BETA 3071 and 3071B

- easy to clean, anti-skid rubber coated bottom



	L	H	
	cm	cm	
9562T1	100	80	1 095620150

9562T3

garage mat, 300x160 cm



- particularly suitable for use under motorcycle jacks

- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom



	L	H	
	cm	cm	
9562T3	300	160	1 095620300

3054

moving base for central stand or motorcycle
rear wheel
with extension for side stand



3054	1 030540000
------	-------------

3055M

automatic van clamp



Allows motorcycle front wheel
to be fixed



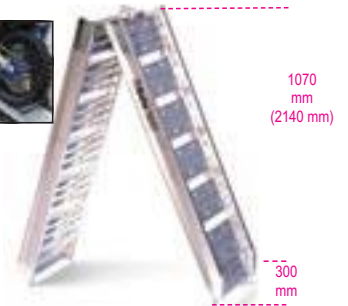
3055M	1 030550002
-------	-------------

3057

aluminium ramp for loading/unloading
motorcycles



1070
mm
(2140 mm)



3057	1 030570001
------	-------------

3070B

manual static balancer



- Allows wheel balancing both in the workshop and on racing tracks
- Equipped with rolling bearings, rabbet level and adjustable feet for unparalleled precision
- Comes with 2 hub cones

3070B	1 030700100
-------	-------------

3070B/...

balancing rod
for balancer 3070B

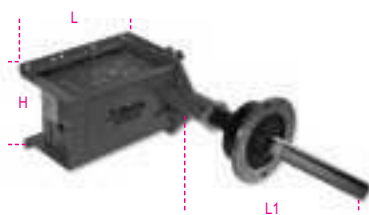


	Ø1	Ø2		
3070B/10	30	10	1	030700101
3070B/12	30	12	1	030700102
3070B/14	40	14	1	030700103

3070BE/K

electronic hand-spin wheel balancer, portable

balancing system with hand-spin microprocessor (without motor),
for balancing iron or alloy car and motorcycle wheels



Features:

- Compact and easy to carry, for use in garages, trucks or track pits
- Can be mounted to a workbench or a wall
- Software includes all unbalance correction programmes, reading of positions with adhesive weights (ALUS), weights hidden behind spokes (SPLIT) and unbalance optimization
- Can be used with swivel support BETA 3070BE/S (optional)

Accessories supplied with wheel balancer:

- Flexible graduated ruler
- Ring nut with handwheel and 3 cones Ø 45 ÷ 110 mm

Technical data:

- Power supply: 115-230V AC or 12-24V DC
- Max. absorbed power: 0.15 kW
- Balancing speed: 100 rpm
- Measurement uncertainty: 1 g
- Rim width: 1.5" ÷ 20" (40 ÷ 510 mm)
- Max. weight wheel: 75 kg

3070BE/K



1 030700250

3070BE/S

swivel support for portable electronic wheel
balancer item 3070BE

allows wheel balancer to be fixed to a wall or a workbench,
thereby resulting in reduced installation space



	L	L1		
	mm	mm		
3070BE/S	514	280	1	030700201

3070BE/F

universal motorcycle flange, Ø 40 mm,
for item 3070BE

for use on wheels with central through-holes, Ø 15 ÷ 35 mm,
and on flanged wheels with truing up to Ø 68 mm



3070BE/F



1 030700202

3070BE/B

kit of 8 motorcycle wheel truing sockets
for item 3070BE

Designed to work on following diameters:
28 - 25 - 22 - 20 - 19.05 - 17 - 16 - 15



3070BE/B



1 030700203

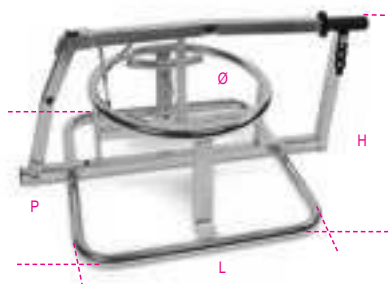
3071A

manual tyre lever for cross and enduro
motorcycles

Allows easy and quick tyre removal in racing fields; based
on sturdy, wide frame made of galvanized steel, it provides
firmness during tyre removal. Can be installed on BETA
3071RS bracket, for increased convenience

Features:

- Ergonomic rubber handle, for easy, safe lever hold
- With rubber retainer for locking rod during transportation
- Can be used to install cross and enduro tyres, 17" ÷ 21".



	L	H	P	Ø		
	mm	mm	mm	mm		
3071A	570	400	850	440	1	030710000

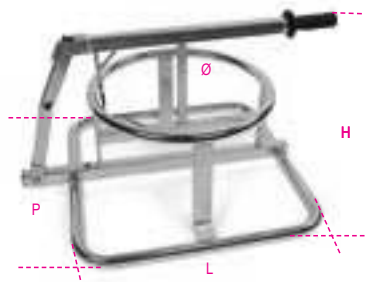
3071B

manual tyre lever for mini bikes and mini dirt
bikes

Allows easy and quick tyre removal in racing fields; based
on sturdy, wide frame made of galvanized steel, it provides
firmness during tyre removal. Can be installed on BETA
3071RS bracket, for increased convenience

Features:

- Ergonomic rubber handle, for easy, safe lever hold
- Can be used to install most mini bike and mini dirty bike tyres.



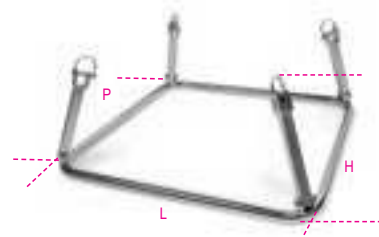
	L	H	P	Ø		
	mm	mm	mm	mm		
3071B	570	330	650	340	1	030710010

3071RS

bracket for BETA 3071A and 3071B tyre levers

Used to elevate BETA 3071A and 3071B tyre levers, making
tyre removal easier; frame made from galvanized steel, with
square base for increased firmness.

- With 4 fixing hooks



	L	H	P		
	mm	mm	mm		
3071RS	670	275	670	1	030710020

962C

tyre levers, pair,
for cross and enduro motorcycles, mini bikes
and mini dirty bikes

for use in combination with BETA 3071A and 3071B



	L	A		
	mm	mm		
962C	420	30	1	009620020

3072N

workbench rear motorcycle shock absorber dismantler, manual

Allows totally safe motorcycle rear shock absorber dismantling; based on its adjustable arms, it suits most rear shock absorbers; alternatively, it can be used with the supplied plate.
- optional locking rings

Features

- Suitable for use on most motorcycle rear shock absorbers
- Vertically adjustable in 8 positions
- 3 adjustable arms with vertically adjustable retainers
- Shock absorber locking plate
- with pantograph jack
- with rubber feet
- with shock absorber lock pin

Technical data

Jack extension: max. 130 mm
Arm extension: max. 55 mm
Retainer extension: max. 18 mm
Thrust: max. 1 t



	L	H	P	
3072N	390 mm	785 mm	390 mm	1 030720010

3073

universal fork oil seal driver fitting tool

for fork tube diameters 35 ÷ 48 mm



3073	1 030730001
------	-------------

3075A

hexagon socket for wheel hub nuts



	Ø	Ø	L	
3075A 28	28 mm	38 mm	30 mm	1 030750028
3075A 30	30 mm	40 mm	30 mm	1 030750030

3075B

bi-hex socket for wheel hub nuts



	Ø	Ø	L	
3075B 55	55 mm	70.7 mm	25 mm	1 030750155

3075MV

bi-hex socket for MV AGUSTA wheel hub nuts



	Ø	Ø	L	
3075MV 56	56 mm	70.7 mm	30 mm	1 030750156

3075/CM

multiple hexagon socket for wheel pins



3075/CM	1 030750212
☞	12-14-17-19-22-24 mm

3075/K10

set with a universal wrench with interchangeable head and 10 bits, for tightening wheel spokes

Sizes: 5.2 - 5.4 - 5.6 - 5.8 - 6.0 - 6.2 - 6.4 - 6.6 - 6.8 - 7.0



3075/K10	1 030750410
----------	-------------

3079/21

cable oiler

Allows proper lubrication of clutch cables and gas control, for increased sheath smoothness and cable duration.



3079/21	1 030790021
---------	-------------

3080/C15

chain opening and riveting kit

Ø 3-4-5 mm and Regina kit



3080/C15	1 030800015
☞	420x185x60 mm

3080R/CS3

kit with 3 spare pin punches for chain tool 3080/C15

Ø 3-4-5 mm



3080R/CS3	1 030800503
-----------	-------------

3081

portable chain tool

Sturdy and foldable, easily fitting into enduro tool bags. Suitable for chain sizes 415, 420, 428, 520, 525, 530, 532



3081	1 030810010
------	-------------

3085

tool for retracting brake pistons

Suitable for motorcycle and scooter brake callipers



3085	1 030850010
------	-------------

3091

flywheel pullers
with internal thread



	M		
3091/10	24x1,5	1	030910010
3091/20	26x1,0	1	030910020
3091/25	27x1,0	1	030910025
3091/30	28x1,0	1	030910030
3091/40	30x1,0	1	030910040
3091/45	30x1,5	1	030910045
3091/50	32x1,5	1	030910050
3091/60	33x1,5	1	030910060
3091/70	35x1,0	1	030910070
3091/75	35x1,5	1	030910075
3091/80	38x1,5	1	030910080

3092

flywheel pullers
with external thread



	M		
3092/10	18x1,5	1	030920010
3092/20	19x1,0	1	030920020
3092/25	27x1,0	1	030920025
3092/30	27x1,25/20x1	1	030920030
3092/35	22-26x1,5	1	030920035
3092/40	25x1,5/22x1	1	030920040
3092/50	26-28x1,0	1	030920050
3092/60	28x1,5	1	030920060

3093/E

tool for locking flywheel, clutch bell and pulleys



3093/E	1	030930100
--------	---	-----------

3093/U

multiple flywheel puller



3093/U	1	030930050
M10x1.25R		
M14x1.5R		
M16x1.5R		
M18x1.5R		
M24x1.0R		
M27x1.0L		

3094PA

OFFROAD motorcycle breakdown service
panel

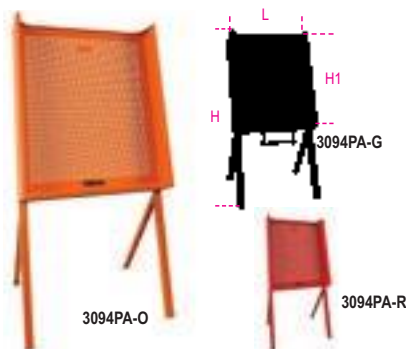
Metal frame; legs can be folded into frame; recommended for
tool arrangement in racing fields

available in 3 colours:

- 3094PA-O Orange
- 3094PA-G Grey
- 3094PA-R Red

Optional accessories:

- paper roll holder 3200 PR
- magnetic universal bottle holder 2499PF/M



	L	H	H1		
	mm	mm	mm		
3094PA-O	750	1555	900	1	030940101
3094PA-G	750	1555	900	1	030940102
3094PA-R	750	1555	900	1	030940103

3095

workbench stand for motorcycle engines

adjustable mounting brackets, for convenient, effortless
workbench jobs on motorcycle engines



	H	P	L	L1		
	mm	mm	mm	mm		
3095	360	460	640	460	1	030950001

3099E

outdoor motorcycle cover, water and dust
resistant

protects paint from scratches, dust and sunlight



Available Sizes:

Size "M" recommended for sports and naked motorcycles and
mid-size scooters

Size "L" recommended for maxi enduro and crossover
motorcycles

3099E/M	M	1	030990102
3099E/L	L	1	030990103

3099T

indoor motorcycle cover, made from stretch
fabric

protects paint from scratches, dust and sunlight



Available Sizes:

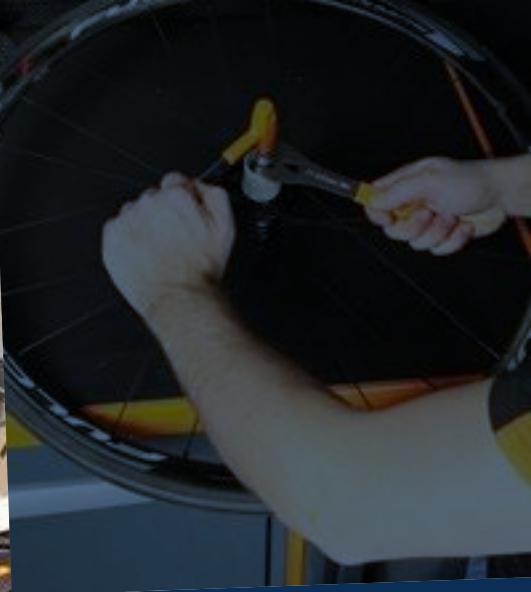
Size "M" recommended for sports and naked motorcycles and
mid-size scooters

Size "L" recommended for maxi enduro and crossover
motorcycles

Size "XL" recommended for super touring motorcycles

3099T/M	M	1	030990202
3099T/L	L	1	030990203
3099T/XL	XL	1	030990204





BICYCLE TOOLS

Beta has always been involved with cycling. This “Special on Bicycle Tools”, which is meant for cycling professionals, deals with an accurate selection of products specially developed for bicycle and e-bike maintenance.



Tour de France 2020 and 2021



Partnership 2022

*Official contributor
of Eolo KOMETA cycling*



Partnership 2022

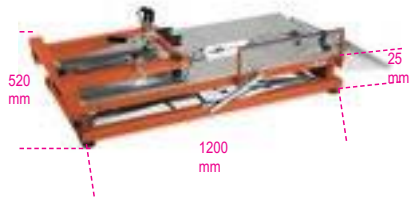


3910

E-Bike lift

- Maximum carrying capacity: 40 kg
- Maximum height of central movement support: 135 cm
- Built-in wheel truing stand
- Innovative thru-axle locking system
- Supplied with adapter sockets for most forks
- Supplied with fork connection adapter without thru-axle
- Fully foldable and transportable
- Lift weight: 48kg

CE



3910

1 039100010

3912TP

TOP workshop workbench for bicycle maintenance

- With support for central movement, with safety pin
- Tool drawer with ball bearing slides (490x365x90 mm)
- Built-in wheel truing stand
- Innovative thru-axle locking system



3912TP

1 039120050

3912PP

PRO workshop workbench for bicycle maintenance

- With support for central movement, with safety pin
- Built-in wheel truing stand
- Innovative thru-axle locking system



3912PP

1 039120150

3912TP/A

adapter socket for thru-axle forks

For workbenches 3912TP, 3912PP and 3910



L mm 39

Ø mm 30

Ø1 mm 5

1 039120052

3912TP/C

universal adapter socket for thru-axle forks, hexagon socket tightening

For workbenches 3912TP, 3912PP and 3910



L mm 29

Ø mm 30

1 039120054

3912TP/FOX

adapter sockets for FOX® forks

For workbenches 3912TP, 3912PP and 3910



L mm 38

1 039120058

3912TP/QRE

adapter pin for forks without thru-axes

For workbenches 3912TP, 3912PP and 3910



L mm 108

1 039120064

3912TP/ROAD

adapter socket for road forks

For workbenches 3912TP, 3912PP and 3910



L mm 33

Ø mm 35

1 039120060

3912TP/RS

adapter socket for ROCKSHOX® thru-axle forks

For workbenches 3912TP, 3912PP and 3910



L mm 35

Ø mm 30

1 039120056

3912TP/ST

adapter socket for SUNTOUR forks

For workbenches 3912TP, 3912PP and 3910



L mm 31

Ø mm 30

Ø1 mm 18

1 039120062



3916MMP

workshop single-sided clamp for bicycle maintenance

- Clamp can be rotated 360°, with floating jaws and micrometric adjustment
- Carrying capacity: 25 kg
- Plastic tool tray



3916MMP

1 039160150

3918MML

single-sided clamp, lightweight, foldable

- Clamp can be rotated 360°
- Carrying capacity: 15 kg
- Maximum clamp height: 150 cm

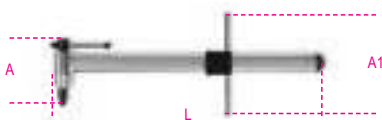


3918MML

1 039180010

3921

derailleur hanger alignment gauge

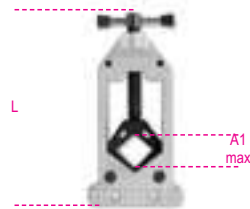


L mm	A mm	A1 mm
440	115	165

1 039210010

3923

blade guide tool for cutting airfoil shaped seatposts up to 80 mm and tubes 1" ÷ 1.1/2"



L mm	A1 max mm	Ø max mm
160	80	45

1 039230010

3927

handlebar clamp



L mm
365

1 039270010

3932U

professional chain tool compatible with chains from 5 to 11 speeds



L mm	L1 mm
164	115

1 039320011

3935

chain wear indicator



L mm
120

1 039350010

3937

missing link pliers



L mm
170

1 039370010

3948

crank extractor



mm	L mm	Ø mm	mm
14	79	20	15

1 039480015

3952

simple cone wrench



mm	L mm	
13	205	2 039520013
14	205	2 039520014
15	205	2 039520015
16	205	2 039520016
17	205	2 039520017
18	205	2 039520018
19	205	2 039520019
20	205	1 039520020
21	205	1 039520021
22	205	1 039520022
24	205	1 039520024

3952/S7

13-14-15-16
17-18-19 mm

1 039520207

3952/S11

13-14-15-16
17-18-19-20-21-22-24 mm

1 039520211

3953

pedal wrench



mm	L mm
15	401

1 039530015

3955

open end wrenches for universal headsets



mm	L mm	
30x32	292	1 039550108
32x36	319	1 039550114

39613.2

spoke wrench, black, 3.2 mm



mm	
3,2	1 039610032

39613.3

spoke wrench, green, 3.3 mm



mm	
3,3	1 039610033

39613,5

spoke wrench, red, 3.5 mm



mm
3,5 1 039610035

3961U

professional spoke wrench, 3.2 - 4.0 mm



mm
3,2 - 4,0 1 039610100

3962SH

double spoke wrench for Shimano



L A1 A2
mm mm mm
132 4,3 4,4 1 039620010

3962MV

double spoke wrench for Mavic



L A1 A2
mm mm mm
135 4,3 8,4 1 039620020

3963P

special wrench for flat spokes



L
mm
129 1 039630010

3964

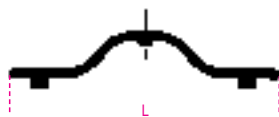
special nipple driver



L L1
mm mm
170 89 1 039640010

3965

wheel alignment gauge, $\varnothing 20'' \div 29''$



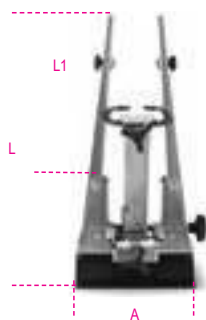
L
mm
680 1 039650010

3965C

professional wheel truing stand



- For $\varnothing 20'' \div 29''$
- Through axle hub adapter, $10 \div 20$ mm



L L1 A
mm mm mm
500 380 285 1 039650110

3967

sprocket removal wrench with chain whip



- Caters for up to 11 speed cassettes
- 2PVC handle
- Also suitable for fixed wheels



L
mm
289 1 039670010

3969

tyre lever



L A
mm mm
200 15,6 1 039690010

3969K3

kit with 3 tyre levers, made of plastic



L
mm
113 1 039690130

3971

wrench for Shimano plastic bolts



- Suitable for Shimano Hollowtech II cranksets



N° mm
8 8 1 039710010

3972

bottom bracket removal wrench



- Suitable for Shimano® Hollowtech II, Campagnolo® Ultra-torque, FSA®, SRAM®



L
mm
252 1 039720010

3973PF

Press-Fit bearing removal tool



- Suitable for inside $\varnothing 24$ mm and 30 mm



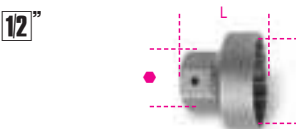
L
mm
240 1 039730001

3973/1

16-notch bottom bracket removal socket



- Suitable for Shimano® XTR BB93, Dura-Ace® BB9000



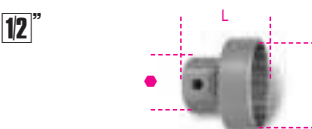
12" \varnothing L
mm mm mm
39 24 34 1 039730010

3973/2

16-notch bottom bracket removal socket



- Suitable for Shimano® BBR60 (Ultegra® 11 speeds)



12" \varnothing L
mm mm mm
41 24 35 1 039730020

3973/3

16-notch bottom bracket removal socket

• Suitable for Shimano® Hollowtech II, Campagnolo® Ultra-torque, FSA®, SRAM®

12"



Ø int. mm	● mm	L mm	
46	24	53,5	1 039730030

3973/4

20-notch bottom bracket removal socket with central pin, nickel-plated

• Suitable for Shimano and ISIS

12"

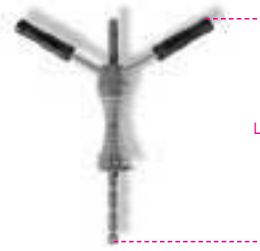


Ø mm	L mm	● mm	
31,5	55	24	1 039730040

3975

bearing cup press

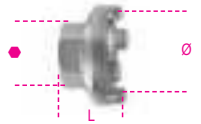
• For headset cup assembly, compatible with headset cups 1", 1.1/8", 1.1/4", 1.1/2" and 2"



L mm	Ø mm	
360	16x1	1 039750010

3984/1

BMX freewheel removal wrench, 2 grafts



Ø mm	L mm	● mm	
35	25,5	24	1 039840010

3984/2

Shimano freewheel removal wrench

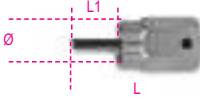


Ø mm	L mm	● mm	
22,8	26	24	1 039840020

3984/3

Shimano freewheel removal wrench, cassette with guide pin

12"



Ø mm	L mm	L1 mm	
23,5	65	25	1 039840030

3984/4

Campagnolo freewheel removal wrench, with guide pin



Ø mm	L mm	L1 mm	● mm	
23	51	13	24	1 039840040

3984/5

freewheel removal wrench, 2 grafts

12"



Ø mm	L mm	● mm	
18,5	38	21	1 039840050

3984/6

freewheel removal wrench, 4 grafts

12"



Ø mm	L mm	● mm	
19,5	36	21	1 039840060

3991

lever for pushing back disc brake pads



L mm	A mm	α	
222	36	7°	1 039910010

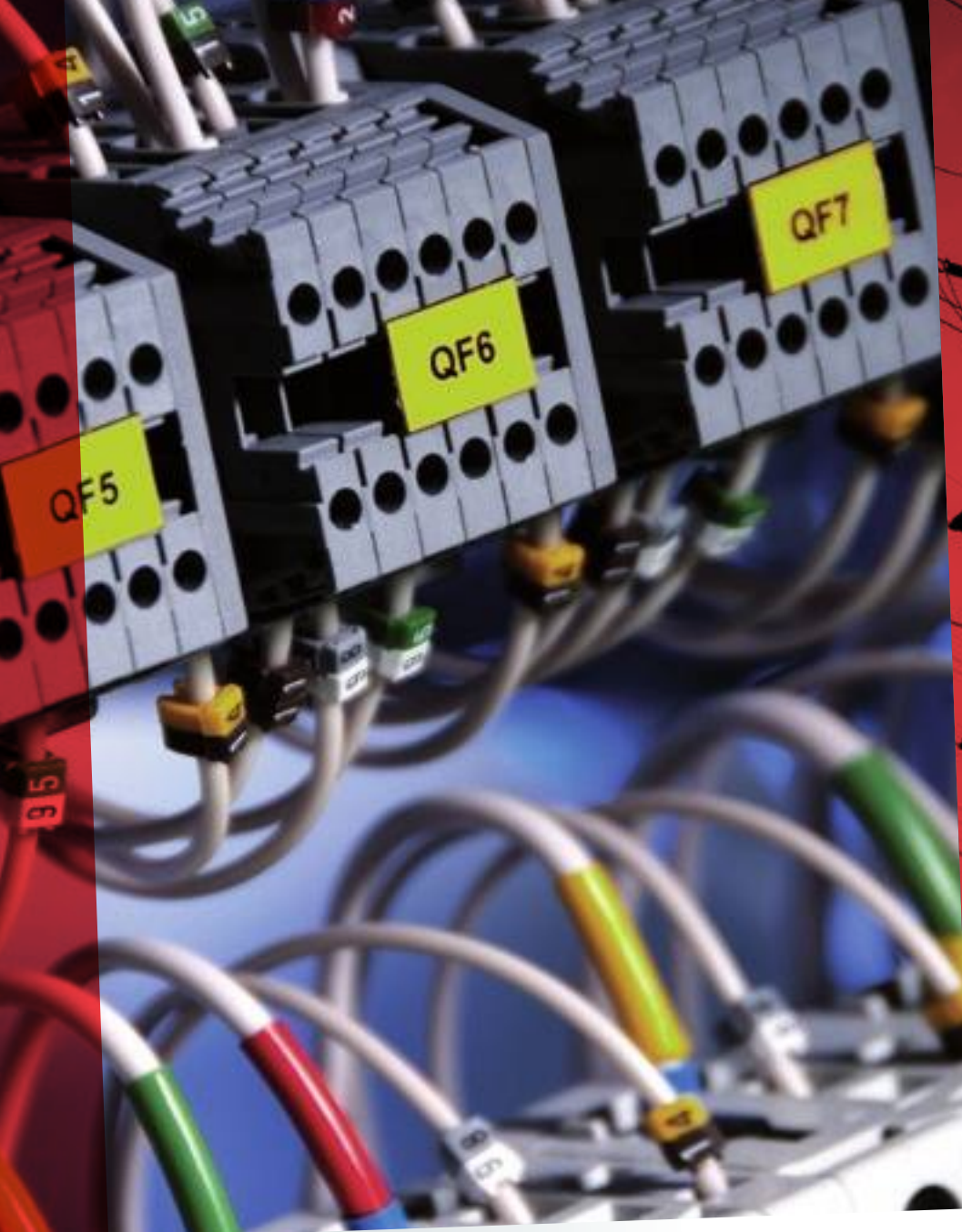
3992

disc brake straightener



L mm	A1 mm	
234	4 55	2,2

Beta



INSULATED TOOLS

Beta Utensili's insulated tools are meant to guarantee installation and electrical maintenance men's safety. All of the insulated tools make it possible to work on systems up to 1000V on alternating current and up to 1500V on direct current.

To provide the highest quality and performance standards and verify fitness and compliance with EN 60900, each tool is subjected to the following stringent tests: handle resistance to slipping and flame propagation, and high voltage test (10000V). For assortments and thermoformed trays, see relevant sections.

All of Beta's insulated tools are built in accordance with the specifications of EN60900 and are approved by the best European certification institutions



Istituto Italiano del Marchio di Qualità - I



Verband der Elektrotechnik
Elektronik Informationstechnik - D

⚠️ 1000 V

SAFETY TESTS: tested at 10,000 V to work on 1,000 V electrical installations.

Beta's high-insulation tools are tested piece by piece at 10 kV, with a view to providing unparalleled quality for working instruments which are required to ensure ultra-high safety standards: they make it possible to work at voltages up to 1,000 V a.c. (1,500 V d.c.).

SAFETY STANDARDS:

Although extremely stringent tests are performed during production, before using a tool, the operator must always check the insulating handle for tears, modifications or damage. Keeping the dielectric properties unchanged in time is closely connected with the mechanical, chemical or thermal stress the tool may be subjected to. In case the insulator should get damaged, the tool cannot be considered safe for use in live installations. Always wear protective goggles and insulated gloves.

TESTS PERFORMED DURING PRODUCTION



100% visual test:

All the surface finishes of the tools must be free from externally visible defects



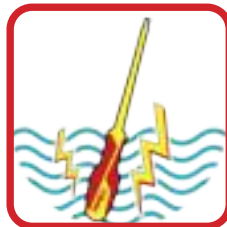
Dimensional test:

All the dimensions of the tools must comply with the design specifications.



Crash test:

After 2 hours at -25 °C, the tool is hit three times (by such a specific weight as provided for by the standard); the insulating handle must not show any signs of damage.



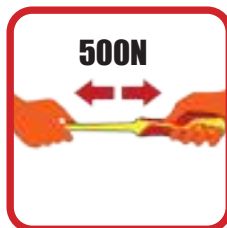
Electrical insulation test:

Following immersion in water for 24 hours, the tool is subjected to a voltage of 10 kV for 3 minutes. Current dissipation must not exceed such values as provided for by the standard.



Penetration test:

A weight of 2 kg is applied to the tool handle at +70 °C for two hours. Later a voltage of 5 kV is applied to the area that is subjected to mechanical pressure for 3 minutes. No signs of current passing through must be shown.



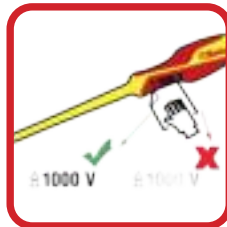
Adhesion test:

after 168 hours at +70 °C, the tool is subjected to a load of 500 N to check that the handle does not slip off.



Mechanical test:

The tools must satisfy such mechanical performance requirements as provided for in the relevant ISO standards



Marking indelibility test:

Following the friction test with isopropyl alcohol, markings must remain legible.



Flame propagation test:

A flame is directed towards the tool for 10 seconds; during the next 20 seconds, the flame must not exceed a height of 120 mm.



52MQ

single open end wrenches



EN 60900
1000 V

EN 60900

mm	L mm		
6	90	1	000520106
7	96	1	000520107
8	100	1	000520108
9	108	1	000520109
10	110	1	000520110
11	120	1	000520111
12	132	1	000520112
13	140	1	000520113
14	146	1	000520114
15	166	1	000520115
16	156	1	000520116
17	168	1	000520117
18	170	1	000520118
19	176	1	000520119
21	190	1	000520121
22	200	1	000520122
24	225	1	000520124
27	210	1	000520127
30	240	1	000520130
32	240	1	000520132

89MQ

single ring wrenches



EN 60900
1000 V

EN 60900

mm	L mm		
6	150	1	000890106
7	155	1	000890107
8	155	1	000890108
9	160	1	000890109
10	170	1	000890110
11	180	1	000890111
12	190	1	000890112
13	195	1	000890113
14	200	1	000890114
15	210	1	000890115
16	216	1	000890116
17	218	1	000890117
18	236	1	000890118
19	240	1	000890119
21	250	1	000890121
22	255	1	000890122
24	280	1	000890124
27	300	1	000890127
30	320	1	000890130
32	340	1	000890132

110MQ

adjustable wrench with scale



EN 60900
1000 V

EN 60900

L mm	A max		
200	28	1	001100520
250	30	1	001100525
300	30	1	001100530

606MQ/50

click-type torque wrench with reversible ratchet



EN 60900
1000 V

EN 60900
UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.ft	A mm	L mm	g
5÷50	0,5÷5	4÷40	90	375	1130

606MQ/50 1 006060705

850MQ

magnetic bit holder, insulated, with bimaterial handle



EN 60900
1000 V

IMQ CSV
EN 60900

L mm	L1 mm	D mm		
233	125	12.5	1	008500910

910MQ/B

bi-hex sockets



EN 60900
1000 V

EN 60900

mm	L mm	Ø1 mm	Ø mm		
6	45	14	24	1	009100616
7	45	15	24	1	009100617
8	45	16	24	1	009100618
9	45	17	24	1	009100619
10	45	19	24	1	009100620
11	45	20	24	1	009100621
12	45	24	24	1	009100622
13	45	24	24	1	009100623
14	45	25	24	1	009100624
15	45	27	24	1	009100625
16	45	27,5	24	1	009100626
17	45	30	24	1	009100627
18	45	31	24	1	009100628
19	45	32	24	1	009100629

910MQ/PE

socket drivers for hexagon screws



EN 60900
1000 V

EN 60900

mm	Ø mm	L mm		
4	24	100	1	009100604
5	24,5	100	1	009100605
6	25,0	100	1	009100606
8	25,0	100	1	009100608
10	25,5	100	1	009100610

910MQ/TX

socket drivers for Torx(R) head screws



EN 60900
1000 V

EN 60900

mm	Ø mm	L mm	L1 mm		
15	23	116	61	1	009100641
20	24,5	116	65	1	009100642
25	24,5	116	65	1	009100643
27	24,5	116	65	1	009100644
30	24,5	116	65	1	009100645
40	24,5	116	65	1	009100646

910MQ/XZN

socket drivers with XZN® profile



EN 60900
1000 V

EN 60900

mm	Ø mm	L mm	L1 mm		
M8	24	106	57	1	009100658
M10	24	106	57	1	009100660

910MQ/PT

preset extensions with 3/8" female drive



EN 60900
1000 V

EN 60900

Nm	L mm	L1 mm		
12	80	35,5	1	009100801

910MQ/21

3/8" drive extension



EN 60900
1000 V

EN 60900

L mm	Ø mm		
140	13,4	1	009100804

910MQ/22

3/8" drive extension



EN 60900
1000 V

EN 60900

L mm	Ø mm		
265	13,4	1	009100805

910MQ/T

3/8" drive, T-handle



EN 60900

L	L1
mm	mm
200	165

910MQ/55

3/8" drive reversible ratchet



EN 60900

L	D	A
mm	mm	mm
203	41	67

910MQ/C16

8 bi-hex sockets,
4 hexagon socket drivers
and 4 accessories



EN 60900

910MQ/C16 1 009100917

	○ 910MQ/B	8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
	○ 910MQ/PE	4 - 5 - 6 - 8 mm
	910MQ/21	125 mm
	910MQ/22	250 mm
	910MQ/T	
	910MQ/55	

914MQ/A

hexagon hand sockets,
3/8" female drive,
made from special polyamide-based
technopolymers
Specially designed for batteries of hybrid and electric cars

For use with torque wrench



EN 60900

Ø	Ø	L	Ø1
mm	mm	mm	mm
8	17,5	45	20
10	20,5	45	20
13	24	45	20
17	30	45	22



EN 60900

914MQ-A/S4 1 009140054
8-10-13-17 mm

920MQ/A

hexagon sockets



EN 60900

Ø	Ø	L	Ø1
mm	mm	mm	mm
8	21,5	57	27,5
9	21,5	57	27,5
10	21,5	57	27,5
11	21,5	57	27,5
12	23,0	57	27,5
13	23,0	57	27,5
14	23,0	57	27,5
16	23,0	57	27,5
17	30,0	57	27,5
18	32,0	57	27,5
19	32,2	57	27,5
20	32,0	57	27,5
21	34,0	57	27,5
22	36,0	57	27,5
24	39,0	57	27,5
27	42,0	57	27,5
30	44,0	57	27,5
32	48,0	57	27,5

920MQ/PE

socket drivers for hexagon screws



EN 60900

Ø	L	L1
mm	mm	mm
*4	28,5	94,50
*5	28,5	94,5
*6	28,5	94,5
*8	28,5	94,5
10	28,5	94,5
12	28,5	94,5

920MQ/21

1/2" square drive extension bar



EN 60900

L	Ø
mm	mm
135	28

920MQ/22

1/2" square drive extension bar

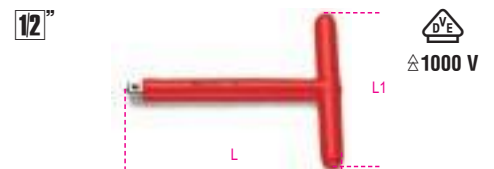


EN 60900

L	Ø
mm	mm
264	30

920MQ/T

1/2" square drive, T-handle



EN 60900

L	L1
mm	mm
200	163

920MQ/55A

1/2" square drive reversible ratchet
with socket locking system



EN 60900

L	D	A
mm	mm	mm
240	50	89

920MQ/C16

9 hexagon sockets, 3 socket drivers for hexagon screws and 4 accessories

12"



EN 60900

920MQ/C16

1 009200917

- 920MQ/A 8 - 10 - 12 - 13 - 14 - 17 - 19 - 22 - 24 mm
- 920MQ/PE 5 - 6 - 8 mm
- 920MQ/21 135 mm
- 920MQ/22 264 mm
- 920MQ/55A
- 920MQ/T

420x280x60 mm - 5,2 kg

943MQ

hexagon nut spinners with handles



EN 60900

mm	L mm	L1 mm	D mm	
5,5	233	125	12,2	1 009430235
6	233	125	12,5	1 009430236
7	240	125	14,3	1 009430237
8	240	125	15,3	1 009430238
10	252	125	17,3	1 009430240
13	252	125	21,3	1 009430243



943MQ/S6

5,5-6-7-8-10-13 mm

1 009430250

951MQ

T-handle wrenches with hexagon male ends



EN 60900

mm	L mm	L1 mm	
3	120	105	1 009510703
* 4	165	105	1 009510704
* 5	170	105	1 009510705
* 6	168	105	1 009510706
* 8	165	105	1 009510708
10	200	105	1 009510710

993MQ

bent knurled point spring tweezers



EN 60900

L mm	
147	1 009930040

994MQ

straight knurled point spring tweezers



EN 60900

L mm	
145	1 009940040

1010MQ

long round nose pliers



EN 60900

L mm	L1 mm	
160	51,5	1 010100096

1048MQ

slip joint pliers, boxed joint

• Chrome-plated finish



EN60900

L mm	A max mm	L1 mm	
250	48	39	1 010480315

1082MQ

diagonal cutting nippers



EN 60900

L mm	L1 mm	mm	
140	20	1,6	1 010820094
160	22	1,6	1 010820096

1084MQ

heavy duty diagonal cutting nippers



EN 60900

L mm	L1 mm	mm	
200	26	2,0	1 010840100

1088MQ

end cutting nippers



EN 60900

L mm	L1 mm	mm	
160	7	1,6	1 010880096

2115P L-MQ32



2115PL-MQ32

350

1128MQ

electrician's scissors, stainless steel blades, with microteeth



IEC60900

L mm	L1 mm	
145	45	1 011280101

1132MQ

cable cutter with insulated handles for copper and aluminium cables



EN 60900

L mm	mm	
230	18	1 011320193

1142MQ

wire stripping pliers

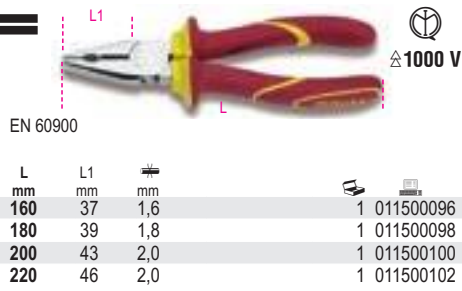


EN 60900

L mm	mm²	
160	0,5÷6	1 011420096

1150MQ

combination pliers, bright chrome-plated

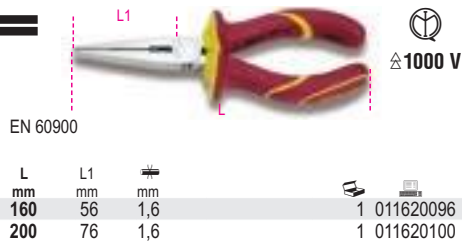


EN 60900

L mm	L1 mm	mm	
160	37	1,6	1 011500096
180	39	1,8	1 011500098
200	43	2,0	1 011500100
220	46	2,0	1 011500102

1162MQ

extra long flat nose pliers

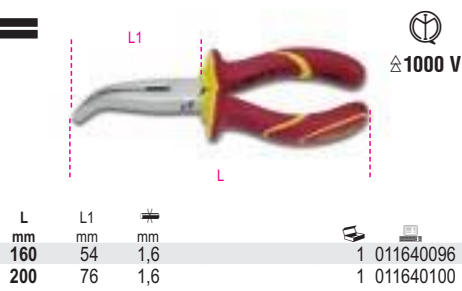


EN 60900

L mm	L1 mm	mm	
160	56	1,6	1 011620096
200	76	1,6	1 011620100

1164MQ

extra-long bent flat nose pliers

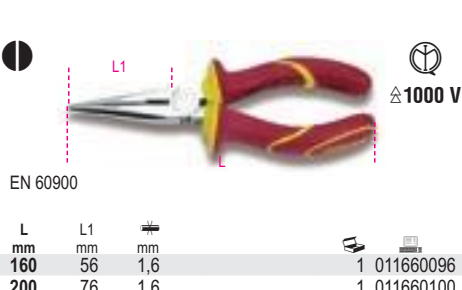


EN 60900

L mm	L1 mm	mm	
160	54	1,6	1 011640096
200	76	1,6	1 011640100

1166MQ

extra long needle nose pliers

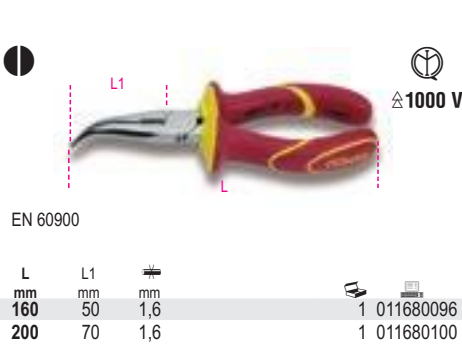


EN 60900

L mm	L1 mm	mm	
160	56	1,6	1 011660096
200	76	1,6	1 011660100

1168MQ

extra long bent needle nose pliers

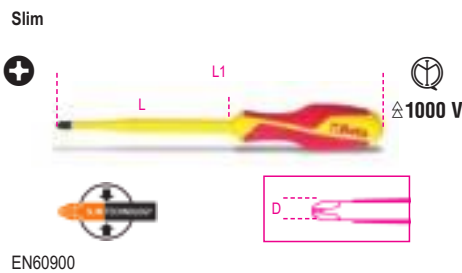


EN 60900

L mm	L1 mm	mm	
160	50	1,6	1 011680096
200	70	1,6	1 011680100

1272MQF

screwdrivers for cross head Phillips® screws

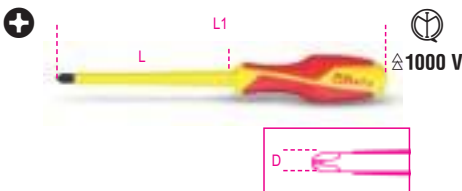


EN60900

PHxDxL mm	L1 mm	
1x4,5x80	187	3 012720609
2x6x100	218	3 012720618

1272MQ

screwdrivers for cross head Phillips® screws



EN 60900

PHxDxL mm	L1 mm	
0x3x60	160	3 012720703
1x4,5x80	187	3 012720709
2x6x100	218	3 012720718
3x8x150	276	2 012720724
4x10x200	326	2 012720727



EN 60900

SxDxL mm	L1 mm	
PH0x3x60-PH1x4,5x80		1 012720751
PH2x6x100-PH3x8x150		
PH4x10x200 mm		

1273MQF/D...

set of 6 slim screwdrivers



1 012730604

1273MQF/D4	
1272MQF	1x4,5x80-2x6x100 mm
1274MQF	0,6x3,5x100-1x5,5x125 mm

1 012730606

1273MQF/D6	
1272MQF	1x4,5x80-2x6x100 mm
1274MQF	0,6x3,5x100-1x4,5x100-1x5,5x125-1,2x6,5x150 mm

1273MQ/D6

set of 6 screwdrivers

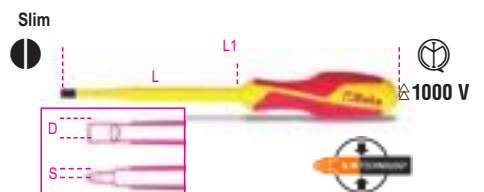


1 012730851

1273MQ/D6	
1274MQ	0,5x3x100 -0,8x4x100
1272MQ	1,0x5,5x125 mm
	PH0x3x60 -PH1x4,5x80
	PH2x6x100 mm

1274MQF

screwdrivers for headless slotted screws

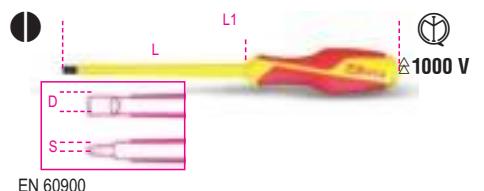


EN60900

SxDxL mm	L1 mm	
0,6x3,5x100	200	3 012740603
1x4,5x100	205	3 012740606
1x5,5x125	232	3 012740609
1,2x6,5x150	268	3 012740612

1274MQ

screwdrivers for headless slotted screws



EN 60900

SxDxL mm	L1 mm	
0,4x2,5x75	175	3 012740700
0,5x3x100	200	3 012740703
0,8x4x100	207	3 012740706
1x5,5x125	232	3 012740709
1,2x6,5x150	268	3 012740712
1,2x8x175	301	2 012740715
1,6x10x200	326	2 012740718





1274MQ/S6

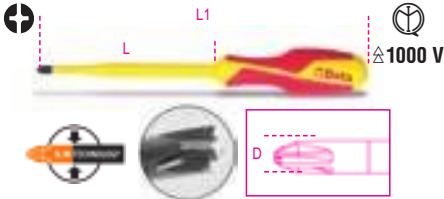
0,5x3x100-0,8x4x100
1x5,5x125-1,2x6,5x150
1,2x8x175-1,6x10x200 mm

1 012740751

1275MQ/C

screwdrivers for combined cross head PH +
slotted head screws

slim



EN 60900

PH1+LPP

2 012750409

PH2+LPP

2 012750418

1276MQ/C

screwdrivers for combined cross head PZ +
slotted head screws

slim



EN 60900

PZ1+LPP

2 012760409

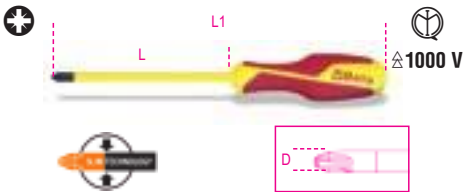
PZ2+LPP

2 012760418

1279MQ/F

screwdrivers for cross head
Pozidriv®-Supadriv® screws

slim



EN 60900

pz	L mm	L1 mm	
1	80	187	3 012790409
2	100	218	3 012790418

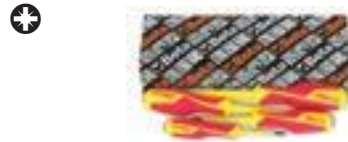
1279MQ

screwdrivers for cross head
Pozidriv®-Supadriv® screws



EN 60900

PZ	L mm	L1 mm	
0	60	160	3 012790703
1	80	187	3 012790709
2	100	218	3 012790718
3	150	276	2 012790724



1279MQ/S4
PZ 0-1-2-3

1 012790751

1725MQ

mini-hacksaw frame



EN 60900

1725MQ	L mm	H mm	
	260	85	1 017250030

1777MQ/C

cable stripping knife, insulated

• for multicore cables



EN 60900

1777MQ/C	L mm	
	190	1 017770026

1777MQ/U

cable stripping knife, insulated

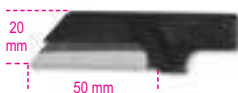


EN 60900

1777MQ/U	L mm	
	190	1 017770011

1777RL/U

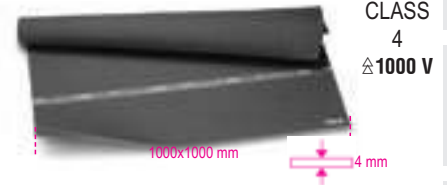
4 spare blades for utility knife 1777MQ/U



1777RL/U		
		1 017770021

1995MQ/T

insulating mat



VDE 0303
EN 60243

1995MQ/T	LxSxH mm	
	1000x1000	1 019950030

1995MQ/G1 - G2

insulating gloves in latex



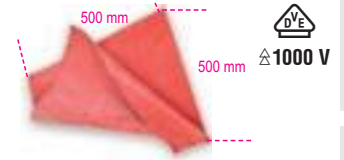
EN 60903

1995MQ/G1	Gr.	L mm	
	9	410	1 019950010
1995MQ/G2	10	410	1 019950013

1996MQ/T

insulating cloth

500x500mm



DIN EN 61112

S mm		
1.0		1 019960005

1996MQ/GM

composite insulating gloves

EN 60903
EN 388



EN 60903
EN 61482

1996MQ/GM 9	Gr.	L mm	
	9	410	1 019960109
1996MQ/GM 10	10	410	1 019960110

1996SVG

pneumatic tester for insulated gloves

mandatory testing in accordance with EN90603



1996SVG		
		1 019960133

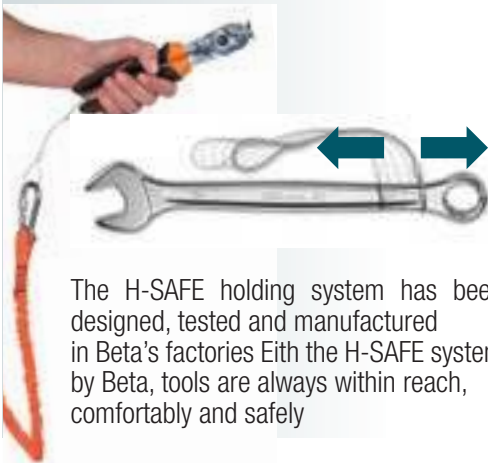


TETHERED TOOLS

Beta H-SAFE

The H-SAFE tool range by Beta comprises over 200 coded items, for which a holding system has been individually designed to withstand extremely severe mechanical stress, as synonymous with unparalleled safety.

Operating comfort is also crucial: tools with a double active part, including combination wrench item 42, are tied with a cable which runs along the entire body of the tool; whereas twisting tools, including screwdrivers, are tied with freely rotating rings preventing the string from getting twisted.



The H-SAFE holding system has been designed, tested and manufactured in Beta's factories. With the H-SAFE system by Beta, tools are always within reach, comfortably and safely.

35HS

flat chisels, ribbed type

with H-SAFE tethered system



L	A		
mm	mm		
200	23,0	1	000354004
250	28,5	1	000354005


42HS

combination wrenches, open and offset ring ends

with H-SAFE tethered system



DIN 3113 UN-ISO 7738


	L		
mm	mm		
6x6	95	1	000424506
7x7	105	1	000424507
8x8	116	1	000424508
9x9	127	1	000424509
10x10	137	1	000424510
11x11	148	1	000424511
12x12	158	1	000424512
13x13	169	1	000424513
14x14	180	1	000424514
15x15	190	1	000424515
16x16	201	1	000424516
17x17	212	1	000424517
18x18	222	1	000424518
19x19	233	1	000424519
20x20	243	1	000424520
21x21	254	1	000424521
22x22	264	1	000424522
23x23	275	1	000424523
24x24	285	1	000424524
25x25	296	1	000424525
26x26	307	1	000424526
27x27	317	1	000424527
28x28	328	1	000424528
29x29	338	1	000424529
30x30	349	1	000424530
32x32	370	1	000424532
34x34	391	1	000424534
36x36	412	1	000424536

42HS/AS

combination wrenches, open and offset ring ends

with H-SAFE tethered system



	L		
mm	mm		
1/4x1/4	95	1	000424106
5/16x5/16	116	1	000424108
3/8x3/8	137	1	000424110
7/16x7/16	148	1	000424111
1/2x1/2	169	1	000424113
9/16x9/16	180	1	000424114
5/8x5/8	201	1	000424116
11/16x11/16	212	1	000424117
3/4x3/4	233	1	000424119
13/16x13/16	254	1	000424121
7/8x7/8	264	1	000424122

mm	L mm		
15/16x15/16	285	1	000424124
1x1	296	1	000424125
1.1/16x1.1/16	317	1	000424127
1.1/8x1.1/8	338	1	000424129
1.1/4x1.1/4	370	1	000424132
1.5/16x1.5/16	391	1	000424133

55HS

double open end wrenches

with H-SAFE tethered system



UNI-ISO 10102 DIN 3110

mm	L mm		
6x7	120	1	000554012
8x9	140	1	000554021
10x11	155	1	000554030
12x13	170	1	000554042
14x15	185	1	000554054
16x17	202	1	000554060
18x19	220	1	000554066
20x22	236	1	000554075
21x23	245	1	000554078
22x24	245	1	000554081
24x27	262	1	000554090
30x32	297	1	000554108
34x36	325	1	000554117

91HS-C

heavy duty offset ring wrenches

with H-SAFE tethered system



mm	Ø mm		
36	54	1	000914036
41	62	1	000914041
46	69	1	000914046

91HS

heavy duty offset ring wrenches with H-SAFE tethered system



mm	Ø mm		
36	54	1	000914236
41	62	1	000914241
46	69	1	000914246

92HS

tubes for item 91 with H-SAFE tethered system



L mm	91 mm	Ø mm		
610	32+41	22	1	000924020
760	46+55	25	1	000924030

93HS

double-ended offset ring wrench for scaffolding bolts with H-SAFE tethered system



mm	L mm		
21x22	310	1	000934021

96TBP-HS

ball head offset hexagon key wrenches with high torque handles and H-SAFE tethered system

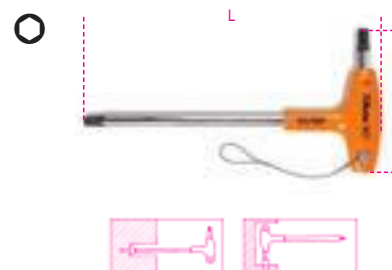


Ø mm	L mm	L1 mm	Ø mm		
2,5	153	55	4	1	000964685
3	153	55	4	1	000964686
4	179	70	5	1	000964687
5	200	84	6	1	000964688
6	221	103	7	1	000964689
8	255	117	10	1	000964690
10	285	132	12	1	000964692

96THS

offset hexagon key wrenches, with high torque handles

with H-SAFE tethered system



mm	L mm	L1 mm		
2,5	153	55	1	000964935
3	153	55	1	000964936
4	179	70	1	000964938
5	200	84	1	000964940
6	221	103	1	000964941
8	255	117	1	000964943
10	285	132	1	000964945

96THS-AS

offset hexagon key wrenches, with high torque handles with H-SAFE tethered system



mm	L mm	L1 mm	Ø mm		
5/32	200	84	6	1	000964673
3/16	200	84	6	1	000964674
7/32	221	103	7	1	000964675
1/4	236	106	8	1	000964676
5/16	255	117	10	1	000964678
3/8	285	132	12	1	000964680

97TTXHS

offset key wrenches with handles for Torx(R) head screws with H-SAFE tethered system



Ø	L mm	L1 mm		
T10	179	70	1	000974710
T15	179	70	1	000974715
T20	179	70	1	000974720
T25	179	70	1	000974725
T30	200	84	1	000974730
T40	221	103	1	000974740
T45	236	106	1	000974745
T50	255	117	1	000974750

111E-HS

adjustable wrenches with scales, chrome-plated

with H-SAFE tethered system

- Right-hand rotation of pin
- Mm/inch scale

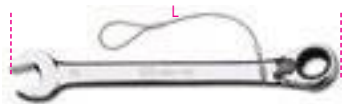


DIN 3117 ISO 6787

L mm	L mm	A max mm		
200	8	29	1	001114120
250	10	34	1	001114125
300	12	40	1	001114130
380	15	45	1	001114138
450	18	54	1	001114145

142HS

reversible ratcheting
combination wrenches
with H-SAFE tethered system



mm	L mm		
8x8	136	1	001424008
9x9	143	1	001424009
10x10	159	1	001424010
11x11	168	1	001424011
12x12	174	1	001424012
13x13	180	1	001424013
14x14	190	1	001424014
15x15	200	1	001424015
16x16	216	1	001424016
17x17	233	1	001424017
18x18	239	1	001424018
19x19	248	1	001424019
21x21	285	1	001424021
22x22	285	1	001424022
24x24	325	1	001424024
27x27	355	1	001424027
30x30	420	1	001424030
* 32x32	420	1	001424032

* Straight model without inverter

360HS

pipe wrenches, Stillson pattern

with H-SAFE tethered system



L mm	Ø max "		
250	1" gas	1	003604025
350	1 1/2" gas	1	003604035
450	2" gas	1	003604045
600	2 1/2" gas	1	003604060

LC system,
two-ball retaining system.
Socket is only released through
button



666HS

Click-type torque wrenches
with reversible ratchets
for right-hand tightening
torque accuracy: $\pm 3\%$

with H-SAFE tethered system



ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
10÷50	1÷5	7÷37	3/8	30	33	312	660

666HS/5 1 006664005

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	3/8	30	33	381	730

666HS/10 1 006664010

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	LC system	g
40÷200	4÷20	30÷150	1/2	40	43	470	*	1010

666HS/20LC 1 006664021

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	LC system	g
60÷300	6÷30	50÷220	1/2	40	43	598	*	1380

666HS/30LC 1 006664031

900E-HS/55

reversible ratchets
with H-SAFE tethered system



DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■		
125	25	18	1/4	1	009004880

910E-HS/55

reversible ratchets
with H-SAFE tethered system



DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■		
200	30	33	3/8	1	009104880

920E-HS/55LC

reversible ratchets "Locking System"

with H-SAFE tethered system

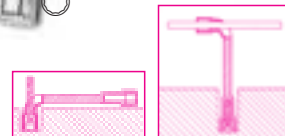
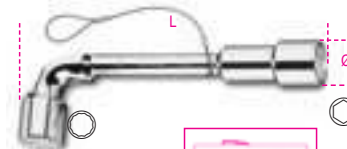


DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■		
275	40	43	1/2	1	009204860

932HS

double ended hexagon / bi-hex offset socket
wrenches, bright chrome-plated
with H-SAFE tethered system



NF E 74.303

mm	Ø mm	L mm		
6x6	11,5	110	1	009324006
7x7	12,5	116	1	009324007
8x8	13,0	120	1	009324008
9x9	14,0	125	1	009324009
10x10	16,5	133	1	009324010
11x11	17,5	143	1	009324011
12x12	19,0	148	1	009324012
13x13	19,5	154	1	009324013
14x14	21,5	167	1	009324014
15x15	22,5	182	1	009324015
16x16	24,5	193	1	009324016
17x17	26,0	198	1	009324017
18x18	26,5	215	1	009324018
19x19	29,0	220	1	009324019

1032HS

internal circlip pliers, straight pattern PVC-
coated handles
with H-SAFE tethered system



UNI 7914 DIN 5256

L mm	Ø mm	Ø1 mm	A mm		
140x1,3	12÷25	1,3	20	1	010324014
180	19÷60	1,9	21	1	010324017

1034HS

internal circlip pliers, bent pattern, 90° PVC-coated handles with H-SAFE tethered system



UNI 7914 DIN 5256

L	∅	∅1	A		
mm	mm	mm	mm		
170	19+60	1,9	21	1	010344017

1036HS

external circlip pliers, straight pattern PVC-coated handles with H-SAFE tethered system



UNI 7915 DIN 5254

L	∅	∅1	A		
mm	mm	mm	mm		
140x1,3	10+25	1,3	20	1	010364014
175	19+60	1,9	21	1	010364017

1038HS

external circlip pliers, bent pattern, 90° PVC-coated handles with H-SAFE tethered system



UNI 7915 DIN 5254

L	∅	∅1	A		
mm	mm	mm	mm		
175	19+60	-	21	1	010384017

1048BM-HS

slip joint pliers, boxed joint, bimaterial handles with H-SAFE tethered system

· new 9-position model



ISO 8976

L	A max	L1	W		
mm	mm	mm	g		
250	48	39	460	1	010484215

1052HS

adjustable self-locking pliers, concave jaws with H-SAFE tethered system



L	A	A1 max	S		
mm	mm	mm	mm		
240	72	42	10,0	1	010524024

1082BM-HS

diagonal cutting nippers, bi-material handles with H-SAFE tethered system

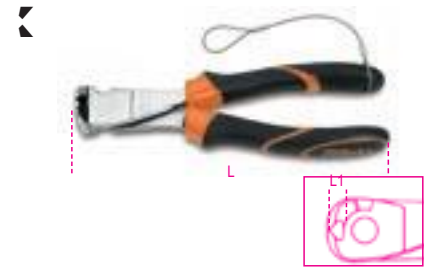


UNI/ISO 5749

L	L1	W	A		
mm	mm	mm	mm		
160	22	1,6	28,0	1	010824036

1088BM-HS

heavy duty end cutting nippers, bi-material handles with H-SAFE tethered system



UNI/ISO 5748

L	L1	W	A		
mm	mm	mm	mm		
160	9	1,6	28,0	1	010884036
200	11	2,0	36,0	1	010884040

1128BAX-HS

Double-acting electricians' scissors, with milling profiles in DLC-coated stainless steel with H-SAFE tethered system

Double-acting cutting: a special cam on the fulcrum allows the blades to run lengthwise, which results in increased cutting power while closing the blades.

Profile and mill: designed to enlarge holes on plastic, from 13 mm to 25 mm.

DLC coating: DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness (resistance to abrasion and wear)
- Low coefficient of friction (smoothness and anti-adherence)
- Anti-loose eccentric pin
- Large handles with pipe throttling grooves
- With articulated plastic case



L	L1	W			
mm	mm	mm ²			
150	50	50		1	011284088



1132BM-HS

cable cutters for insulated copper and aluminium cables, bi-material handles with H-SAFE tethered system



UNI 8791

L	mm	A	B		
230	18	37	12,5	1	011324143

1150BM-HS

combination pliers bright chrome-plated, bi-material handles with H-SAFE tethered system



ISO 5746

L	L1	mm	A		
160	42	1,6	22,0	1	011504146
180	46	1,8	25,0	1	011504148
200	50	2,0	27,0	1	011504150

1166BM-HS

extra long needle knurled nose pliers, bi-material handles with H-SAFE tethered system



ISO 5745

L	L1	mm	A		
200	76	1,6	22,0	1	011664040

1168BM-HS

extra long bent needle knurled nose pliers, bi-material handles



ISO 5745

L	L1	mm	A		
200	70	1,6	22,0	1	011684040

1290HS

screwdrivers for slotted head screws H-SAFE

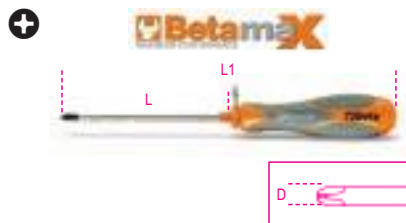


ISO 2380

SxAxL	L1	Ø		
0,4x2,5x75	171	2,5	1	012904006
0,5x3x100	196	3,0	1	012904012
0,6x3,5x100	196	3,5	1	012904021
0,8x4x100	196	4,0	1	012904030
0,8x4x150	246	4,0	1	012904036
1x5,5x150	259	5,0	1	012904042
1,2x6,5x150	270	6,0	1	012904051
1,2x8x150	282	7,0	1	012904057
1,6x10x200	332	8,0	1	012904066

1292HS

screwdrivers for cross head Phillips® screws with H-SAFE tethered system



UNI/ISO 8764

PHxDxL	L1		
0x3x100	196	1	012924006
1x4,5x120	229	1	012924012
2x6x150	270	1	012924021
3x8x150	282	1	012924024

1294HS

screwdrivers for headless slotted screws with H-SAFE tethered system



SxDxL	L1		
0,5x2,5x60	156	1	012944003
0,6x3x75	171	1	012944006
0,8x4x100	196	1	012944012
1x5x125	234	1	012944018

1299HS

screwdrivers for cross head Pozidriv(R)-Supadriv(R) screws with H-SAFE tethered system



UNI/ISO 8764

PZ	L	L1		
0	60	156	1	012994000
1	80	189	1	012994003
2	100	220	1	012994006
3	150	282	1	012994009

1370T-HS

mechanic's hammers fibre shaft with H-SAFE tethered system



g	A	L	L1		
300	23	300	105	1	013704630
500	27	320	118	1	013704650
1000	36	360	135	1	013704700



1370FT-HS

riveting hammers, fibre shafts

with H-SAFE tethered system



A	L	L1	B		
mm	mm	mm	mm		
28	280	86	22	1	013704528
30	280	92	24	1	013704530
36	300	104	29	1	013704536

1390HS

soft face hammers, wooden shafts
with H-SAFE tethered system



UNI 7784

D	L	L1		
mm	mm	mm		
35	310	95	1	013904035
45	320	107	1	013904045

1392HS

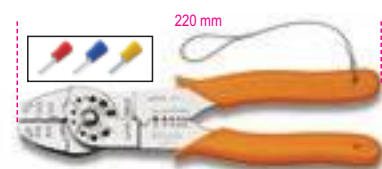
dead-blow hammers, with interchangeable plastic faces, steel shafts
with H-SAFE tethered system



D	L	L1		
mm	mm	mm		
35	305	115	1	013924035
40	310	125	1	013924040
50	325	135	1	013924050
60	385	155	1	013924060

1602A-HS

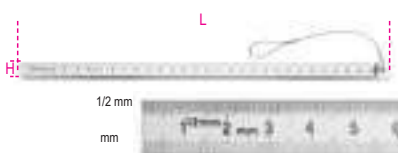
crimping pliers for insulated terminals, standard model
with H-SAFE tethered system



mm ²	L	A	B		
	mm	mm	mm		
0+6	220	42	4	1	016024005

1682HS

flexible graduated rules
made from stainless steel
with H-SAFE tethered system



L	H	±		
mm	mm	mm		
200	13	0,5	1	016824020
300	13	0,5	1	016824030

1692HS

measuring tapes, shock-resistant bi-material ABS casings,
steel tapes,
precision class II

with H-SAFE tethered system

CE



L	S		
m	mm		
3	16	1	016924053
5	19	1	016924055

1708HS/20

metric feeler gauges
with H-SAFE tethered system



S	S	L		
mm	mm	mm		
0,05+1,0	0,002+0,040	105	1	017084020

1727HS

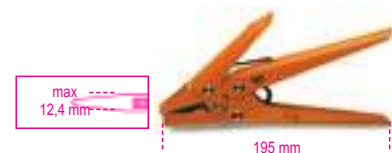
hacksaw frame, heavy series
with H-SAFE tethered system



L	L1		
mm	mm		
515	300	1	017274001

1743HS

fitting tool for nylon ties
with H-SAFE tethered system



L	A	B		
mm	mm	mm		
195	85	17	1	017434001

1750HS

lever operated grease guns
with H-SAFE tethered system



1 g, 550 bar Max

cc	L		
mm	mm		
500	380	1	017504500

1760BHS

digital multimeter
with H-SAFE tethered system



CE



SPECIFICATIONS

DC voltage: 200 mV-2/20/200/1000V

AC voltage: 2-20/200/700V

DC current: 2/20/200 mA-20 A

AC current: 2/200 mA- 20 A

Resistance: 200Ω - 2/20/200 kΩ - 2/20 MΩ

Capacity: 2/20/200 nF - 2/200 μF

Temperature: -20° + 1000°C/ -4 °F ~ +2000°F

Frequency: 20kHz

Power supply: 1 9V battery (included)

1760BHS	1	017604012
---------	---	-----------

1772H-HS

safety utility knife with retractable blade, supplied with 2 blades with H-SAFE tethered system



L mm	A mm	1 017724029
170	18	

1778SOS-HS

car service knife with window breaking hammer and seat belt cutter features in case with H-SAFE tethered system



L mm	A mm	L1 mm	1 017784080
205	25	85	

8871

safety belt with metal double closure buckle. To connect H-SAFE tools



L cm	1 088710070
min-max	
70	70-100
100	100-135
	1 088710100

8872A

fixed loop

• For belt item 8871



8872A 50	1 088720050
----------	-------------

8872AS

strap loop

• For belt item 8871



8872AS 25	1 088720525
-----------	-------------

8873

tool bag with self-locking

• For belt item 8871



8873	1 088730230
------	-------------

8877

cushioned hook-up lace

• MAX 2.7 kg



8877 80	1 088770080
---------	-------------

8877M

cushioned hook-up lace

• With anti-winding joint
• MAX 2.7 kg



8877M	1 088770510
-------	-------------

8879

strap wristband

• MAX 2.7 kg



8879	1 088790025
------	-------------

8880

hard hook-up lace

• With anti-winding joint

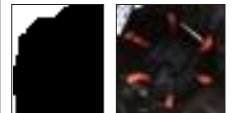


8880	1 088800030
------	-------------

8883

tool bag

• Made of anti-abrasion nylon 840
• MAX 20 kg
• Snap link for stopping zip at top
• 6 tool retaining strings
• Interior pocket



8883	1 088830030
------	-------------





STAINLESS STEEL TOOLS



Stainless steel is an alloy steel with a high chromium content.

Chromium forms a surface oxide film which protects metal and immediately reforms in case of chemical or mechanical damage.

We at **Beta Utensili** have relied on this unique characteristic to develop the **Beta Inox** tools, which are the name for high resistance to corrosion as well as remarkable **hygiene** and **low bacterial retentiveness**. Indeed, stainless steel tools **get less dirty and are cleaned better** than those made from other materials, and can be **autoclaved at 121 °C**.

The **Beta Inox** tools can be used in **critical environments** – that is, in areas where absolutely no contamination is permitted.

Fields of application:

- Nuclear applications
- Pharmaceutical production - class C
- Biotechnological and biomedical laboratories
- Food industry.

The **Beta Inox** tools avoid ferrous contamination, thus preventing improper **rust formation**. Whenever any tools made of ordinary carbon steel are used on stainless steel screws, nuts or surfaces, a few iron particles may come off the tools, which results in aesthetic problems (**iron moulds**). If neglected, these trigger localized corrosion. Using stainless steel tools will completely prevent polluting particles from spreading.



STAINLESS STEEL
+ NO STAINLESS
STEEL = RUST



STAINLESS STEEL
+ STAINLESS
STEEL = NO RUST

Fields of application:

- Shipyards
- Building
- Offshore applications
- Solar systems
- Car industry

Mechanical characteristics

Beta's tools are made of magnetic **steel AISI 420**. Its outstanding mechanical characteristics translate into tools whose performance far exceeds the standards and is comparable to that of Beta's other tools.

These tools share the same ergonomic properties and design as Beta's other tools, which have been known to, and appreciated by, professional users for over 80 years.

The containers are made of **steel AISI 304**, which can boast remarkable cold formability properties and even higher corrosion resistance.

Recyclability

Stainless steel is **100% recyclable**.

This is also a major plus.



Mark for stainless steel products
Released by Centro Inox – Italian Stainless Steel
Development Association
– for products made of stainless steel.

34INOX

flat chisels,
made of stainless steel



L	A	Ø		
mm	mm	mm		
160	18	18	1	000340318
200	20	20	1	000340320

39INOX

wedges,
made of stainless steel



L	A	S		
mm	mm	mm		
100	50	10	1	000390310
150	50	13	1	000390315
200	40	40	1	000390320

42INOX

combination wrenches
made of stainless steel



DIN 3113 - UNI ISO 7738

mm	L		
mm	mm		
6x6	95	2	000420306
7x7	105	2	000420307
8x8	116	2	000420308
9x9	127	2	000420309
10x10	137	2	000420310
11x11	148	2	000420311
12x12	158	2	000420312
13x13	169	2	000420313
14x14	180	2	000420314
15x15	190	2	000420315
16x16	201	2	000420316
17x17	212	2	000420317
18x18	222	2	000420318
19x19	233	2	000420319
21x21	254	1	000420321
22x22	264	1	000420322
24x24	285	1	000420324
27x27	290	1	000420327
30x30	320	1	000420330
32x32	340	1	000420332
36x36	360	1	000420336
38x38	430	1	000420338
41x41	430	1	000420341
46x46	480	1	000420343
50x50	520	1	000420345
55x55	560	1	000420347
60x60	595	1	000420350



42INOX/S11	1	000420391
6-8-10-11-12-13-14-15-16-17-19 mm		



42INOX/SC9	1	000420387
8-10-11-12-13-14-15-17-19 mm		
42INOX/SCV9	1	000420303

42INOX-AS

combination wrenches,
made of stainless steel



"	L		
"	mm		
1/4x1/4	95	1	000420356
5/16x5/16	116	1	000420358
3/8x3/8	137	1	000420360
7/16x7/16	148	1	000420361
1/2x1/2	169	1	000420363
9/16x9/16	180	1	000420364
5/8x5/8	201	1	000420366
11/16x11/16	212	1	000420367
3/4x3/4	233	1	000420369
13/16x13/16	254	1	000420371
7/8x7/8	264	1	000420372
15/16x15/16	285	1	000420373

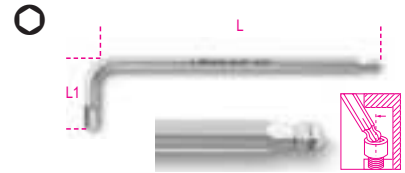


42INOX-AS/S9	1	000420396
1/4-5/16-3/8-7/16-1/2-9/16-5/8-11/16-3/4		



96BPINOX

ball head offset hexagon key wrenches,
made of stainless steel



mm	L	L1	g		
mm	mm	mm	g		
2	91	22	4	4	000961441
2,5	91	22	6	4	000961442
3	101	24	11	4	000961443
4	112	29	19	4	000961444
5	131	33	32	4	000961445
6	154	36	51	4	000961446
7	164	40	65	2	000961447
8	175	44	116	2	000961448
10	197	51	189	2	000961450



96BPINOX/B6	1	000961455
2,5-3-4-5-6-8 mm		
96BPINOX/B9	1	000961456
2-2,5-3-4-5-6-7-8-10 mm		
96BPINOX/BV	1	000961459

96BPINOX-AS

ball head offset hexagon key wrenches,
made of stainless steel



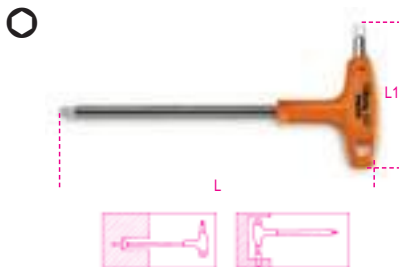
"	L	L1	g		
"	mm	mm	g		
5/64	91	22	5,5	4	000961989
3/32	91	22	5,3	4	000961990
7/64	101	24	10,5	4	000961991
1/8	101	24	10,7	4	000961992
9/64	112	29	18,7	4	000961993
5/32	112	29	18,7	4	000961994
3/16	131	33	31,5	2	000961995
7/32	154	36	50,0	2	000961996
1/4	164	40	70,0	2	000961997
5/16	175	44	115,0	2	000961998
3/8	197	51	186,5	2	000961999



96BPINOX-AS/B8	1	000962000
5/64-3/32-1/8-5/32-3/16-7/32-1/4-5/16		
96BPINOX/BV	1	000961459

96TINOX

offset hexagon key wrenches,
with high-torque handles,
made of stainless steel



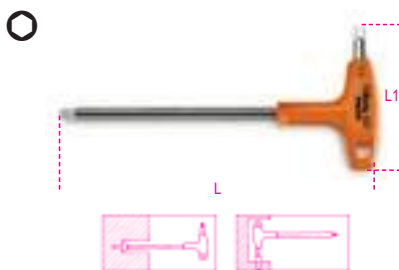
mm	L mm	L1 mm		
2,5	153	55	2	000961935
3	153	55	2	000961936
4	179	70	2	000961938
5	200	84	2	000961940
6	221	95	2	000961941
7	236	106	2	000961942
8	255	117	2	000961943
10	285	132	2	000961944



96TINOX/S5 2,5-3-4-5-6 mm	1	000961952
96TINOX/S8 2,5-3-4-5- 6-7-8-10 mm	1	000961954

96TINOX-AS

offset hexagon key wrenches,
with high torque handles,
made of stainless steel



"	L mm	L1 mm	Ø mm		
3/32	153	55	3	2	000961861
7/64	153	55	4	2	000961862
1/8	179	70	4	2	000961863
9/64	179	70	5	2	000961864
5/32	200	84	6	2	000961865
3/16	200	84	6	2	000961866
7/32	221	103	7	2	000961867
1/4	236	106	8	2	000961868
5/16	255	117	10	2	000961869
3/8	285	132	12	2	000961870



96TINOX-AS/S7 3/32-1/8-5/32-3/16- 7/32-1/4-5/16	1	000961877
--	---	-----------

111INOX

adjustable wrenches,
made of stainless steel

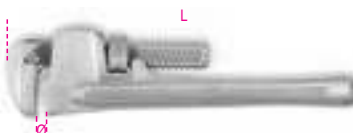


DIN 3117 - ISO 6787

L mm	L "	A max mm	A1 mm		
150	6	18	45	1	001110315
200	8	24	58	1	001110320
250	10	30	70	1	001110325

362INOX

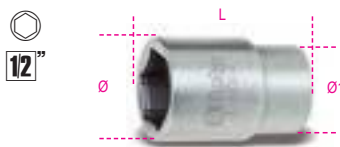
heavy-duty pipe wrenches,
made of stainless steel



L mm	Ø max mm		
300	58	1	003620430

920INOX-A

hexagon hand sockets,
made of stainless steel



DIN 3124 - UNI ISO 2725

Ø mm	Ø mm	A mm	L mm		
8	15	10	40	2	009203008
9	16	10	40	2	009203009
10	17	10	40	2	009203010
11	18	11	40	2	009203011
12	19	11	40	2	009203012
13	20	11	40	2	009203013
14	21	11	40	2	009203014
15	23	11	40	2	009203015
16	24	11	40	2	009203016
17	25	11	40	2	009203017
18	26	13	42	2	009203018
19	28	13	42	2	009203019
20	29	13	42	1	009203020
21	30	13	43	1	009203021
22	31	15	43	1	009203022
24	34	15	43	1	009203024
27	38	18	46	1	009203027
30	42	20	46	1	009203030
32	44	20	46	1	009203032

920/55INOX

1/2" drive reversible ratchet,
72 teeth,
made of stainless steel



L mm	Ø mm	A mm		
264	40	43	1	009203882

920/R55INOX

12"
72



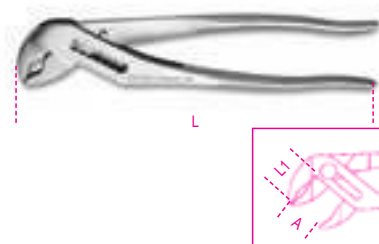
920/R55INOX

1 009203879

1048INOX

slip joint pliers, boxed joints,
made of stainless steel

• 7-position model



L mm	A max mm	L1 mm		
250	33	33	1	010480325

1082INOX

diagonal cutting nippers,
made of stainless steel



L mm	L1 mm	mm		
150	20,0	1,6	1	010820350

1150INOX

heavy-duty combination pliers,
made of stainless steel
decentralized pin
open joint



L mm	L1 mm		
180	39	1	011500518

1153INOX

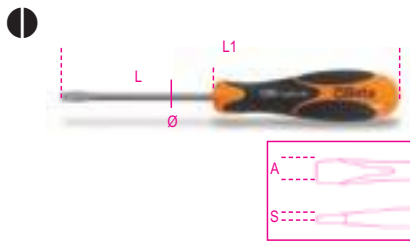
adjustable pliers, two positions,
made of stainless steel



L mm	L1 mm		
150	26	1	011530315

1290INOX

screwdrivers for slotted head screws
made of stainless steel

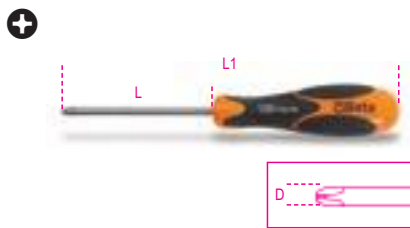


ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	146	2.5	4	012900403
0,5x3x75	171	3.0	4	012900409
0,8x4x100	196	4.0	4	012900430
1,0x5,5x150	259	5.0	4	012900442
1,2x6,5x150	270	6.0	4	012900451

1292INOX

screwdrivers for cross head Phillips® screws,
made of stainless steel



ISO 8764

PHxDxL mm	L1 mm		
0x3x60	156	4	012920403
1x4,5x80	189	4	012920409
2x6x100	220	4	012920418

1293INOX/D8

screwdriver set
made of stainless steel



1290INOX	0,4x2,5x50-0,5x3x75 0,8x4x100-1,0x5,5x150- 1,2x6,5x150 mm	4 012930408
1292INOX	PH0x60-PH1x80 PH2x100 mm	

1370INOX

engineer's hammer,
made of stainless steel



g	A mm	L mm	L1 mm		
500	25	240	101	1	013700375

1377INOX

ball pein hammers,
round heads,
for coppermiths and tinsmiths,
made of stainless steel



g	L mm	L1 mm		
230	220	82	1	013770623
340	220	90	1	013770634

1730INOX

universal spatula,
made from stainless steel



A mm	L mm		
50	200	1	017300450

C20TSS

five-section cantilever tool box, made of AISI
304 stainless steel



C20TSS		
	450x200x210 mm - 4kg	1 021203001



C04TSS-7

mobile roller cab with seven drawers, made entirely of stainless steel,
Non-marking wheels

Main features:

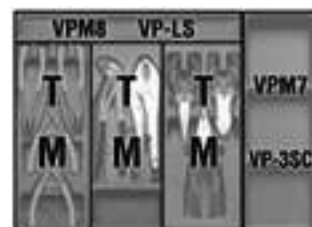
- Seven drawers (570 x 410 mm) with ball bearing slides;
- 6 drawers, 83 mm high;
- 1 drawer, 170 mm high;
- 4 castors Ø 125 mm
- 2 fixed and 2 steering (two with brakes);
- Front centralized lock;
- Frame made entirely of stainless steel AISI 304
- Castors, supports, ball bearings, drawer interiors and guides made of stainless steel
- Drawer handles made of aluminium

63 kg

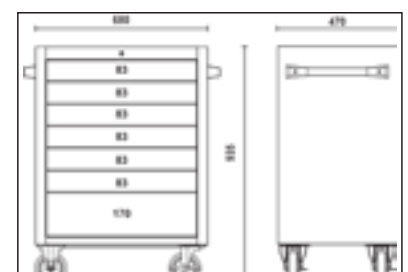
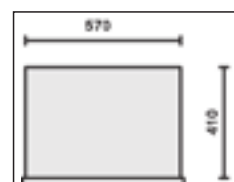
Beta
INOX
STAINLESS STEEL



700
kg



h	max
83 mm	25 kg
170 mm	30 kg



SPARK-PROOF TOOLS



Copper-Berillium Cu-Be

The **Beta** spark-proof tools are specially designed for safe operations in environments subject to potential risk of explosion, in the presence of flammable liquids or gases, or for any applications that require using perfectly antimagnetic, corrosion-resistant tools.



The Beta sparkproof tools are certified by the Federal Institute for Materials Research and Testing, BAM, under European Directive 99/92/EC.



WARNING!
Risk of explosion in **ACETYLENE** environment

The mechanical characteristics of sparkproof tools differ from those of normal steel tools. Sparkproof tools should be used with extreme caution, avoiding overloads.

CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK

		MEDIUM-LOW	EXTREMELY LOW
GASES		<p>ZONE 1 An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is likely to occur in normal operation.</p>	<p>ZONE 2 An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.</p>
	DUSTS	<p>ZONE 21 An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is likely to occur in normal operation occasionally.</p>	<p>ZONE 22 An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.</p>

30BA sparkproof drift punches



Ø mm	L mm	S mm		
5	150	15	1	000300806
8	150	17	1	000300808
10	150	19	1	000300810

31BA sparkproof pin punches



Ø mm	L mm		
3	110	1	000310853
4	110	1	000310854
6	115	1	000310856
8	120	1	000310858

31BA/C sparkproof drift punches



Ø mm	Ø1 mm	L mm		
★6	12	150	1	000310876
★7	13	150	1	000310877
★12	18	175	1	000310882
★13	29	255	1	000310883

32BA sparkproof centre punch



Ø mm	L mm		
14	150	1	000320811

34BA sparkproof flat chisels



L mm	A mm		
200	22	1	000340801
250	24	1	000340803
300	25	1	000340802

39BA

sparkproof wedges



L	A		
mm	mm		
150	40	1	000390801
230	40	1	000390802
250	40	1	000390803

42BA

sparkproof combination wrenches, open bi-hex ring ends



mm	L		
mm	mm		
6x6	105	1	000420806
7x7	105	1	000420807
8x8	120	1	000420808
9x9	120	1	000420809
10x10	135	1	000420810
11x11	135	1	000420811
12x12	150	1	000420812
13x13	150	1	000420813
14x14	175	1	000420814
15x15	175	1	000420815
16x16	195	1	000420816
17x17	200	1	000420817
18x18	215	1	000420818
19x19	220	1	000420819
20x20	230	1	000420820
21x21	240	1	000420821
22x22	250	1	000420822
24x24	268	1	000420824
26x26	290	1	000420826
27x27	290	1	000420827
28x28	290	1	000420828
30x30	313	1	000420830
32x32	333	1	000420832
34x34	360	1	000420834
35X35	360	1	000420835
36x36	355	1	000420836
38x38	430	1	000420838
41x41	430	1	000420841
46x46	480	1	000420846
50x50	520	1	000420850
55x55	560	1	000420855
60x60	580	1	000420860
*65x65	595	1	000420865
*70x70	630	1	000420870

42BA-AS

sparkproof combination wrenches, open bi-hex ring ends



mm	L		
mm	mm		
9/32x9/32	120	1	000420946
5/16x5/16	120	1	000420947
11/32x11/32	135	1	000420948
3/8x3/8	128	1	000420950
7/16x7/16	135	1	000420951
15/32x15/32	140	1	000420949
1/2x1/2	140	1	000420953
9/16x9/16	163	1	000420954

"	L		
mm	mm		
*19/32x19/32	195	1	000420955
5/8x5/8	177	1	000420956
11/16x11/16	195	1	000420957
3/4x3/4	215	1	000420959
13/16x13/16	230	1	000420961
7/8x7/8	235	1	000420962
15/16x15/16	256	1	000420964
*31/32x31/32	265	1	000420963
1x1	266	1	000420965
1.1/16x1.1/16	283	1	000420967
1.1/8x1.1/8	297	1	000420969
1.3/16x1.3/16	308	1	000420970
1.1/4x1.1/4	324	1	000420973
*1.7/16x1.7/16	360	1	000420976

55BA

sparkproof double open end wrenches



mm	L		
mm	mm		
6x7	90	1	000550801
8x9	100	1	000550802
8x10	100	1	000550795
9x11	110	1	000550797
10x11	120	1	000550803
12x13	130	1	000550804
*12x14	130	1	000550846
13x14	133	1	000550799
14x15	145	1	000550805
14x17	150	1	000550806
16x17	165	1	000550807
17x19	170	1	000550847
18x19	170	1	000550809
*19x22	185	1	000550810
20x22	185	1	000550811
21x23	210	1	000550813
22x24	210	1	000550815
24x26	230	1	000550817
24x27	230	1	000550818
25x28	230	1	000550819
27x29	246	1	000550820
30x32	265	1	000550822
36x38	320	1	000550826
36x41	335	1	000550828
41x46	355	1	000550829
*46x50	370	1	000550830
*50x55	385	1	000550831
*55x60	415	1	000550832

55BA-AS

sparkproof double open end wrenches



"	L		
mm	mm		
3/8x7/16	110	1	000550853
1/2x9/16	130	1	000550854
5/8x11/16	160	1	000550857
3/4x13/16	180	1	000550859
7/8x15/16	210	1	000550865
1x1.1/16	230	1	000550868
1.1/8x1.3/16	245	1	000550870
1.1/4x1.5/16	255	1	000550872

58BA

sparkproof open end slogging wrenches



mm	L		
mm	mm		
17	125	1	000580817
19	125	1	000580819
22	135	1	000580822
24	150	1	000580824
27	165	1	000580827
30	180	1	000580830
32	190	1	000580832
*34	200	1	000580834
36	210	1	000580836
38	220	1	000580838
41	230	1	000580841
46	240	1	000580846
50	255	1	000580850
*55	305	1	000580855
*60	315	1	000580860
*65	335	1	000580865
*70	370	1	000580870
*75	375	1	000580875
*80	400	1	000580880
*85	400	1	000580885
*90	445	1	000580890
*95	445	1	000580895
*100	485	1	000580900
*110	513	1	000580901

58BA-AS

sparkproof double open end slogging wrenches



mm	L	A	S		
mm	mm	mm	mm		
*11/16	125	40,5	11,0	1	000580904
*3/4	125	40,5	11,0	1	000580905
*7/8	135	46,2	12,0	1	000580906
*15/16	150	50,3	12,0	1	000580907
*31/32	150	50,3	12,0	1	000580954
*1	175	56,9	15,0	1	000580908
*1.1/8	190	64,0	15,5	1	000580909
*1.1/4	190	64,0	15,5	1	000580910
*1.7/16	210	75,0	18,5	1	000580912
*1.1/2	220	82,0	18,5	1	000580913
*1.5/8	230	86,8	18,5	1	000580914
*1.3/4	250	98,0	20,	1	000580970

78BA

sparkproof bi-hex ring slogging wrenches



mm	L		
mm	mm		
17	145	1	000780817
19	145	1	000780819
22	165	1	000780822
24	140	1	000780824
27	155	1	000780827
30	165	1	000780830
32	180	1	000780832
34	192	1	000780834
36	208	1	000780836
38	215	1	000780838
41	225	1	000780841
46	245	1	000780846
50	250	1	000780850
55	265	1	000780855
60	275	1	000780860
65	295	1	000780865

mm	L mm		
70	310	1	000780870
75	325	1	000780875
80	340	1	000780880
*85	355	1	000780885
*90	380	1	000780890
*95	390	1	000780895
*100	410	1	000780900
*105	420	1	000780903
*110	445	1	000780901
*120	480	1	000780902

78BA-AS

sparkproof bi-hex ring slogging wrenches



mm	L mm		
11/16	145	1	000780908
3/4	145	1	000780909
7/8	155	1	000780935
15/16	165	1	000780936
*31/32	165	1	000780937
1	175	1	000780938
*1.1/16	175	1	000780939
1.1/8	180	1	000780940
1.3/16	185	1	000780941
1.1/4	177	1	000780910
*1.5/16	200	1	000780954
*1.3/8	205	1	000780911
1.7/16	208	1	000780912
*1.1/2	215	1	000780913
*1.9/16	225	1	000780947
*1.11/16	225	1	000780962
1.5/8	225	1	000780914
*1.3/4	235	1	000780963
1.13/16	243	1	000780916
1.7/8	235	1	000780915
2	254	1	000780918
2.3/16	264	1	000780920
2.3/8	275	1	000780922
*2.9/16	286	1	000780924
*2.15/16	311	1	000780926
*3.1/8	325	1	000780928
*3.1/2	355	1	000780930

89BA

spark-proof single ring wrenches



mm	L mm		
10	200	1	000890810
11	210	1	000890811
12	220	1	000890812
13	230	1	000890813
14	240	1	000890814
16	260	1	000890816
17	270	1	000890817
18	280	1	000890818
19	300	1	000890819
20	310	1	000890820
22	330	1	000890822
24	350	1	000890824
27	370	1	000890827
30	400	1	000890830
32	420	1	000890832

90BA

sparkproof double ended offset ring wrenches



mm	L mm		
6x7	122	1	000900801
8x9	128	1	000900802
10x11	155	1	000900803
12x13	175	1	000900806
12x14	180	1	000900807
14x15	200	1	000900808
14x17	220	1	000900809
16x17	230	1	000900811
16x18	235	1	000900812
17x19	250	1	000900814
18x19	265	1	000900815
19x22	280	1	000900817
20x22	295	1	000900818
21x23	298	1	000900820
22x24	315	1	000900821
24x26	333	1	000900822
24x27	340	1	000900823
30x32	395	1	000900824
34x36	410	1	000900826
*36x41	450	1	000900828
*41x46	470	1	000900829
*46x50	490	1	000900830

91BA

sparkproof heavy duty offset ring wrenches



mm	Ø mm		
24	38	1	000910824
27	42	1	000910827
30	48	1	000910830
32	49	1	000910832
36	54	1	000910836
41	62	1	000910841
*46	69	1	000910846
*50	75	1	000910850
*55	82	1	000910855

92BA

sparkproof tubes for item 91BA



	L mm	91BA mm	Ø mm		
92BA/1	460	24÷30	25	1	000920810
92BA/2	610	32÷41	28	1	000920820
*92BA/3	760	46÷55	32	1	000920830

93BA

ratcheting double-ended offset ring wrench for scaffolding bolts, sparkproof



mm	L mm		
21x22	345	1	000930821

95BA

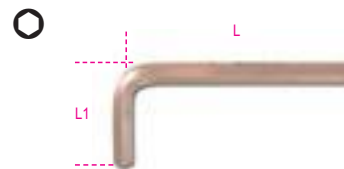
double ended flat ring wrenches, sparkproof



mm	L mm		
7x9	115	1	000950801
8x10	115	1	000950802
10x11	140	1	000950804
10x12	140	1	000950805
12x14	145	1	000950806
14x17	165	1	000950807
*16x18	170	1	000950809
*17x19	185	1	000950808
*18x19	185	1	000950810
*19x22	200	1	000950812
*21x23	230	1	000950815
*24x27	255	1	000950817
*30x32	295	1	000950820

96BA

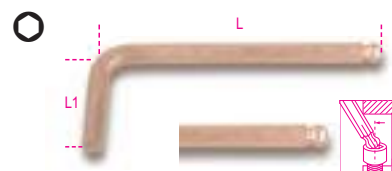
sparkproof offset hexagon key wrenches



mm	L mm	L1 mm		
1,5	50	17	1	000960760
2	50	16	1	000960762
2,5	56	20	1	000960761
3	63	21	1	000960763
4	69	25	1	000960764
5	78	29	1	000960765
6	88	33	1	000960766
7	93	34	1	000960767
8	97	36	1	000960768
9	104	37	1	000960769
10	110	39	1	000960770
11	118	42	1	000960771
12	122	44	1	000960772
14	150	58	1	000960774
15	156	60	1	000960775
16	162	63	1	000960776
17	168	65	1	000960777
19	177	72	1	000960779
22	186	77	1	000960802
24	192	82	1	000960804

96BA/BP

ball head offset hexagon key wrenches, sparkproof



mm	L mm	L1 mm		
1,5	50	16	1	000961800
2	50	16	1	000961801
2,5	63	20	1	000961802
3	60	20	1	000961803
3,5	70	25	1	000961799
4	66	25	1	000961804
5	75	28	1	000961805
6	84	32	1	000961806
8	92	36	1	000961808
10	102	40	1	000961810
12	113	45	1	000961812

96BAF-AS

sparkproof offset hexagon key wrenches



mm	L mm	L1 mm		
*1/16	59	25	1	000962831
*5/64	59	25	1	000962832
*3/32	59	25	1	000962833
*7/64	59	25	1	000962834
*1/8	59	25	1	000962835
*9/64	64	29	1	000962836
*5/32	65	30	1	000962837
*3/16	79	31	1	000962838
*7/32	85	37	1	000962839
*1/4	85	37	1	000962840
*5/16	92	44	1	000962842
*3/8	110	45	1	000962844
*7/16	119	48	1	000962845
*1/2	140	55	1	000962846
*9/16	150	58	1	000962847

99BA

sparkproof hook wrenches with square noses, for ring nuts UNI/ISO 2982, 2983



mm	A mm		
32-75	4,0	1	000990803
50-120	4,5	1	000990805
115-170	4,5	1	000990811

110BA

sparkproof adjustable wrenches



L mm	A max mm		
100	13	1	001100810
150	18	1	001100815
200	24	1	001100820
250	30	1	001100825
300	36	1	001100830
375	46	1	001100837
*450	55	1	001100845
*600	65	1	001100860

330BA

sparkproof pipe cutters for gas pipes



330BA/2	Ø max mm	L mm		
	50 mm	375	1	003300802

330BA/2R

spare pin and knife for gas pipe cutter 330BA, sparkproof



330BA /2-R		
	1	003300822

363BA

sparkproof heavy duty pipe wrenches



L mm	Ø max mm	Ø max mm		
150	1/2" gas	20	1	003630815
200	1" gas	30	1	003630820
250	1 1/2" gas	49	1	003630825
300	2" gas	60	1	003630830
350	2" gas	60	1	003630835
450	2 1/2" gas	76	1	003630845
600	3" gas	90	1	003630860

378BA

sparkproof pipe wrench, Swedish pattern, made from copper/beryllium alloy



L mm	Ø max "		
430	1" 1/2 gas	1	003780800
530	2" gas	1	003780801

386BA

sparkproof heavy duty reversible chain pipe wrenches



L mm	Ø max mm	L1 mm		
600	100	470	1	003860806
900	200	750	1	003860809

911BA

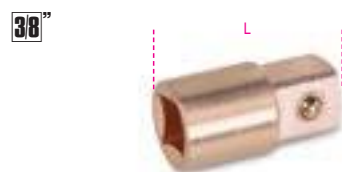
bi-hex hand sockets, spark-proof



mm	L mm		
6	28	1	009110806
7	28	1	009110807
8	28	1	009110808
9	28	1	009110809
10	32	1	009110810
11	32	1	009110811
12	32	1	009110812
13	32	1	009110813
14	32	1	009110814
15	32	1	009110815
16	32	1	009110816
17	32	1	009110817
18	32	1	009110818
19	32	32	1 009110819

911BA/16

adaptor, 3/8" female and 1/2" male drives, spark-proof



L mm	3/8"	1/2"		
34			1	009110836

911BA/20

extension bar, 3/8" male and female drives, spark-proof



L mm		
75	1	009110840

911BA/55

3/8" push-through drive ratchet, spark-proof

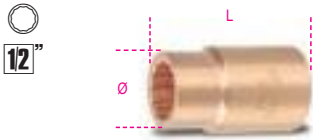


L mm	D mm	A mm		
200	45	16.5	1	009110882



921BA

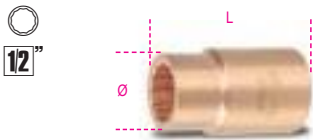
sparkproof bi-hex sockets



mm	Ø mm	L mm	
8	24,0	40	1 009210808
9	24,0	40	1 009210809
10	16,5	40	1 009210810
11	17,5	40	1 009210811
12	18,5	40	1 009210812
13	19,5	40	1 009210813
14	20,0	40	1 009210814
15	21,5	40	1 009210815
16	24,0	40	1 009210816
17	25,0	40	1 009210817
18	25,0	40	1 009210818
19	28,0	42	1 009210819
20	29,0	42	1 009210820
21	30,0	43	1 009210821
22	30,5	43	1 009210822
24	34,0	43	1 009210824
25	36,0	43	1 009210825
26	37,5	43	1 009210826
27	37,5	45	1 009210827
28	38,9	46	1 009210828
30	41,5	46	1 009210830
32	43,5	46	1 009210832

921BA-AS

sparkproof bi-hex sockets



"	Ø mm	L mm	
5/16	24,0	40	1 009210958
3/8	24,0	40	1 009210960
7/16	24,0	40	1 009210961
1/2	24,0	40	1 009210963
9/16	24,0	40	1 009210964
5/8	25,0	40	1 009210966
11/16	25,5	40	1 009210967
3/4	28,0	42	1 009210969
13/16	30,0	43	1 009210971
7/8	31,5	43	1 009210972
15/16	34,0	43	1 009210974
1	36,0	43	1 009210975
1.1/16	38,0	46	1 009210977
1.1/4	42,0	46	1 009210982
1.7/16	50,5	50	1 009210986

921BA/15

adaptor,
1/2" female and 3/8" male drives,
spark-proof



L mm	□	■	
34	1/2	3/8	1 009210839

921BA/16

adaptor, 1/2" female and 3/4" male
drives, sparkproof



L mm	□	■	
34	1/2	3/4	1 009210840

921BA/21 - 921BA/22

sparkproof 1/2" wobble extension bars



	L mm	Ø mm	
921BA/21	125	30	1 009210842
921BA/22	250	31	1 009210844

921BA/25

sparkproof 1/2" drive universal joint



L mm	Ø mm	□	■	
80	25	1/2	1/2	1 009210845

921BA/42

sparkproof 1/2" drive sliding T handle



L mm			
250			1 009210846

921BA/50

sparkproof 1/2" drive
push-through square ratchet



L mm	D mm	A mm	
250	45	16,5	1 009210850

921BA/R50

sparkproof
spare set



L mm	□	■	
1/2"			1 009210851

926BA

sparkproof bi-hex hand sockets



mm	Ø mm	L mm	
22	40	55	1 009260822
24	40	55	1 009260824
26	40	55	1 009260826
27	40	55	1 009260827
28	41	55	1 009260828
30	43	60	1 009260830
32	45	60	1 009260832
34	48	60	1 009260834
36	50	60	1 009260836
38	53	60	1 009260838
41	57	65	1 009260841
46	63	65	1 009260846
50	68	70	1 009260850

926BA/15

adaptor, 3/4" female and 1/2" male
drives, sparkproof



L mm	□	■	
55	3/4	1/2	1 009260861

926BA/22

sparkproof 3/4" drive extension bars



926BA/22	L mm	Ø mm	
	200	38	1 009260872

926BA/42

sparkproof 3/4" drive slide T-handle



L mm			
400			1 009260876

926BA/50

sparkproof 3/4" push-through drive ratchet



L	D	A		
mm	mm	mm		
300	61	22	1	009260880

926BA/R50

sparkproof spare set



3/4"	1	009260881
------	---	-----------

937BA

hexagon socket wrenches, sparkproof



⌀	L	A		
mm	mm	mm		
13	240	45	1	009370813
17	260	51	1	009370817
19	270	55	1	009370819
22	278	59	1	009370822
24	286	63	1	009370824
27	294	69	1	009370827
30	302	75	1	009370830
32	310	81	1	009370832
*36	330	85	1	009370836
*41	350	90	1	009370841

951BA

T-handle wrenches with hexagon male ends, sparkproof



mm	L	L1		
mm	mm	mm		
4	100	90	1	009510904
5	100	90	1	009510905
6	100	90	1	009510906

961BA

sparkproof scrapers



L	A		
mm	mm		
250	39	1	009610802
350	55	1	009610806

963BA

sparkproof pry bars with pointed and flat bent ends



L	A		
mm	mm		
500	24	1	009630801
*800	24	1	009630803
*1000	30	1	009630805

964BA

sparkproof wrench bungs



L		
mm		
385	1	009640801

964BA/L

universal shears for barrels, sparkproof

For opening edged metal barrels



*964BA/L	L		
	mm		
	510	1	009640821

965BA

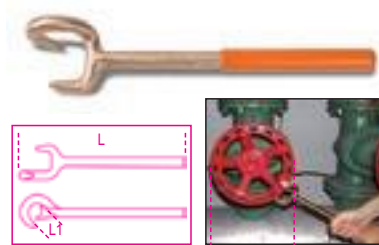
safety valve wrenches, sparkproof



A	A1	L		
mm	mm	mm		
30	44	200	1	009650830
32	50	300	1	009650832
35	47	250	1	009650835
40	50	300	1	009650840
45	58	350	1	009650845
48	62	375	1	009650848
50	67	400	1	009650850
55	73	450	1	009650855
60	79	500	1	009650860
*65	82	550	1	009650865
*70	85	600	1	009650870

966BA

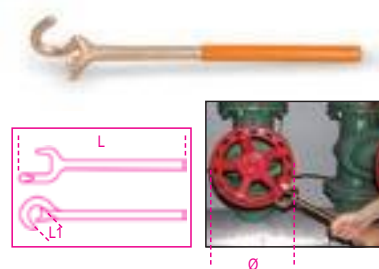
sparkproof safety valve wrench



L	L1	Ø min+max		
mm	mm	mm		
350	40	50÷150	1	009660801

966BA/V

sparkproof safety valve wrenches



L	L1	Ø min+max		
mm	mm	mm		
370	36	125÷250	1	009660812
430	48	250÷400	1	009660814

1032BA

sparkproof internal circlip pliers, straight pattern, PVC-coated handles



L	⊕		
mm	mm		
200	40÷100	1	010320820

1036BA

sparkproof external circlip pliers, straight pattern, PVC-coated handles



L	⊕		
mm	mm		
200	40÷100	1	010360820

1046BA

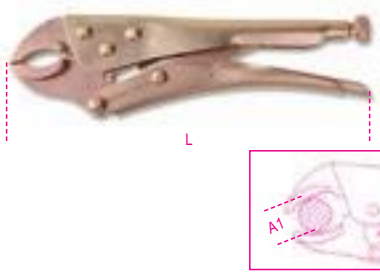
sparkproof slip joint pliers



L mm	A max mm	
250	32	1 010460801
*300	52	1 010460803

1052BA

adjustable self-locking pliers,
concave jaws, sparkproof



L mm	A1 max mm	
225	40,0	1 010520824

1082BA

sparkproof diagonal cutting nippers



L mm	L1 mm	
160	22	1 010820801

1100BA

bolt cutters,
spark-proof



L mm		
600		1 011000860

1137BA

blasting pliers



L mm	L1 mm	
185	30	1 011370801

1137BA/RC

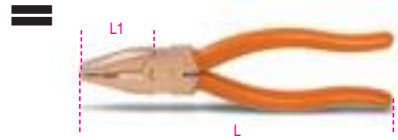
spare blade for item 1137BA



1137BA/RC	
	1 011370851

1150BA

sparkproof combination pliers



L mm	L1 mm	
200	40	1 011500820

1162BA

sparkproof extra-long flat knurled nose pliers



L mm	L1 mm	
150	54	1 011620815

1166BA

sparkproof extra-long needle knurled nose pliers



L mm	L1 mm	
150	54	1 011660815

1270BA

sparkproof screwdrivers for slotted head screws



AxL mm	L1 mm	
3x75	178	1 012700803
4x100	209	1 012700804
5x150	250	1 012700805
6x150	270	1 012700806
10x250	382	1 012700810
8x200	312	1 012700808

1272BA

sparkproof screwdrivers
for cross head Phillips® screws



PHxDxL mm	L1 mm	
1x5x100	209	1 012720801
2x6x150	270	1 012720802
3x8x200	332	1 012720803

1277BA

screwdrivers for Torx® head screws,
sparkproof



Ø	L mm	L1 mm	Ø mm	
T10	75	184	5	1 012770810
T15	75	184	5	1 012770815
T20	100	209	6	1 012770820
T25	125	209	6	1 012770825
T30	150	270	6	1 012770830
T40	200	332	8	1 012770840

1370BA

sparkproof engineer's hammers,
wooden shafts



g	A mm	L mm	L1 mm	
500	30	310	108	1 013700805
1000	35	340	137	1 013700810

1370BA/MR

spare shafts for item 1370BA

1370BA/MR 500 1370BA/500	1	013700865
1370BA/MR 1000 1370BA/1000	1	013700870

1370BA/PL

sparkproof engineer's hammers, fibre shafts



g	A	L	L1		
mm	mm	mm	mm		
500	30	310	108	1	013700815
1000	35	340	137	1	013700820

1375BA/PL

sparkproof ball pein and claw hammer, wooden shaft



g	L	L1	Ø		
mm	mm	mm	mm		
680	321	125	30	1	013750800

1377BA

sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths



g	L1	L		
mm	mm	mm		
340	90	280	1	013770834

1377BA/PL

sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths



g	L1	L		
mm	mm	mm		
340	90	280	1	013770884

1379BA

sparkproof scraping hammer, wooden shaft



g	L1	L		
mm	mm	mm		
500	142	315	1	013790850

1380BA

sparkproof lump hammers, wooden shafts



g	L1	L		
mm	mm	mm		
1000	100	400	1	013800810
1500	118	400	1	013800815
2000	126	400	1	013800820

1380BA/MR

spare shafts for item 1380BA

1380BA/MR 1000 1380BA/1000	1	013800860
1380BA/MR 1500 1380BA/1500	1	013800865
1380BA/MR 2000 1380BA/2000	1	013800870

1380BA/PL

sparkproof mason club hammers, fibre shafts



g	L1	L		
mm	mm	mm		
500	80	310	1	013800955
1000	94	350	1	013800960
1500	115	400	1	013800965
2000	125,5	400	1	013800970

1381BA

sparkproof sledge hammers, wooden shafts



g	L1	L		
mm	mm	mm		
5000	179	900	1	013810850
*8000	190	900	1	013810858

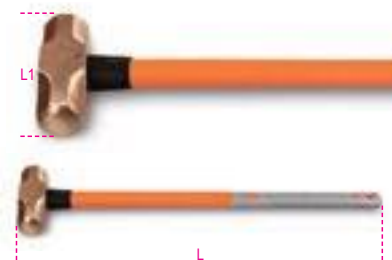
1381BA/MR

spare shaft for item 1381BA

1381BA/MR 5000 1381BA/5000	1	013810870
*1381BA/MR 8000 1381BA/8000	1	013810878

1381BA/PL

sparkproof sledge hammers, fibre shafts



g	L1	L		
mm	mm	mm		
5000	172	900	1	013810885
8000	204	900	1	013810888

1390BA

spark-proof soft face hammer



Ø	L	L1		
mm	mm	mm		
*52	370	130	1	013900805

1390BA/R

spare nylon faces for item 1390BA



D			
mm			
52	4	013900885	



1602BA

sparkproof crimping pliers for insulated terminals, lightweight series



$\frac{1}{2}$	L		
mm ²	mm		
0.75+6	200	1	016020801

1701BA

sparkproof hexagon chisels



L	A	S	
mm	mm	mm	
150	12	10	1 017010810
200	16	14	1 017010814
250	18	14	1 017010815
350	19	17	1 017010817

1703BA/A

sparkproof axe



L	L1	A	
mm	mm	mm	
340	145	82	1 017030082

1703BA/P

sparkproof pick



A	L	L1	
mm	mm	mm	
56	1050	410	1 017030150

1703BA/PL

sparkproof shovel



A	L1	L	
mm	mm	mm	
240	420	990	1 017030200

1717BA

sparkproof rigid spatulas



A			
mm			
60		1	017170801
80		1	017170803

1717BA/1

sparkproof wall scraper



A	L		
mm	mm		
100	220	1	017170805

1719BA8

sparkproof files, 8"



	L		
	mm		
1719BA8/P	200	1	017190801
1719BA8/M	200	1	017190805
1719BA8/R	200	1	017190810
1719BA8/T	200	1	017190815
1719BA8/Q	200	1	017190820

1719BA12

sparkproof files, 12"



	L		
	mm		
1719BA12/P	300	1	017190831

1727BA

sparkproof hacksaw and blade



L	L1		
mm	mm		
500	300	1	017270801

1728BA

spark-proof blades for hacksaw frames, made from copper-beryllium alloy



L			
mm			
300		1	017280801

1737BA

brush with sparkproof wires



L	A		
mm	mm		
294	29	1	017370801

1758BA

sparkproof funnel



Ø	H		
mm	mm		
160	150	1	017580815

1776BA

sparkproof knife



L1	L		
mm	mm		
145	250	1	017760801

1784BA

sparkproof scissors



L			
mm			
225		1	017840822



1972/12

ultracompact drill, 12V

- ultracompact, no more than 176 mm in length; ultralightweight, no more than 1.1 kg, with battery, perfectly balanced
- double mechanical speed with steel gears and 18-position clutch
- torque up to 34 Nm and 1500 rpm (350 rpm in 1st gear); drills diameters up to 10 mm in steel and 20 mm in wood
- 2Ah batteries and charge indicator on drill body
- triple battery self-protection (heat, overload and monitoring of charge differences (if any) between cells) for increased safety and durable high performance
- ergonomic nonslip handle
- front LED
- 10-mm autochuck
- belt clip (right/left side)
- selector switch, screwing-unscrewing-locking modes (for transportation)
- supplied in a hard case with 2 lithium ion batteries (2 Ah) and quick charger (45 min)

1,1 kg



1972/12

1 019720012

1984/18QM

reversible impact wrench, 18V, brushless

digital brushless motor: remarkably enhanced performance, including: increased power, reduced energy consumption, extended useful motor life, outstanding compactness, improved power proportioning from push button.

- 5Ah batteries with charge indicator
- ultracompact: no more than 196 mm in length
- 1/2" male drive with bush retaining ring
- belt clip (right/left side)
- triple front LED
- gearcase made entirely of metal
- selector switch, screwing-unscrewing-locking modes (for transportation)
- ergonomic nonslip handle
- triple battery self-protection (heat, overload and monitoring of charge differences (if any) between cells) for increased safety and durable high performance

4 modes available:

1: 270Nm; 1400 RPM

2: 360Nm; 2000 RPM

3: 450Nm; 2750 RPM

A: 450Nm Autostop - as long as the impact wrench detects a free rotation, it applies maximum torque/speed (450Nm; 2750 RPM)

when the nut reaches the end of stroke and stops rotating, the impact wrench keeps applying maximum torque for 1 second; then it sets itself to the lowest level, to avoid damaging the nut

- supplied in a hard case with hexagon bit holder adaptor (1/4"), 2 lithium ion batteries (5 Ah) and quick charger (80 min)

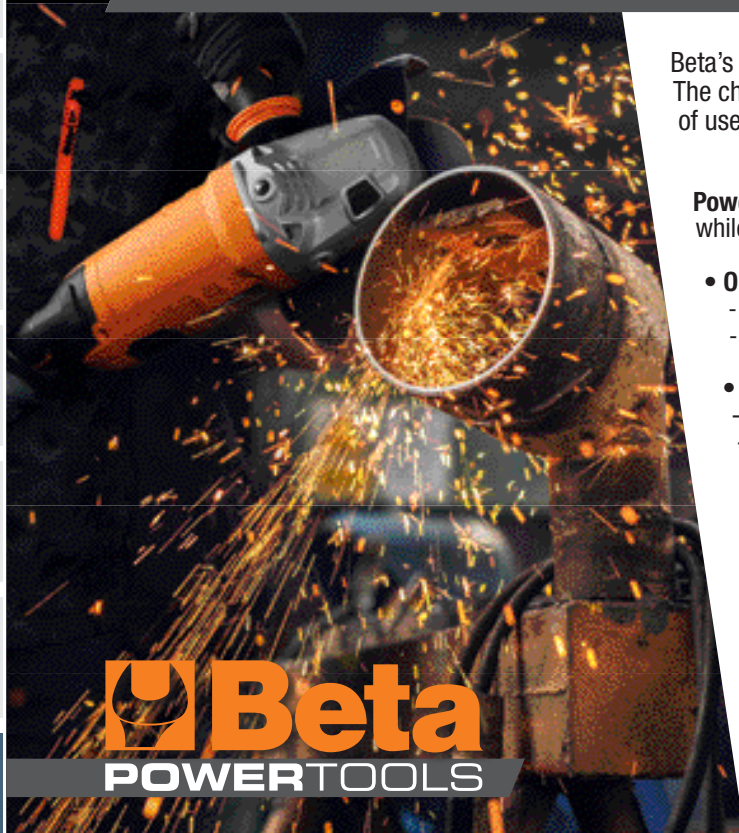
2,3 kg



1984/18QM

1 019840018

THE NEW RANGE OF BETA-BRANDED ANGLE GRINDERS



Beta's family of power tools comprises corded and battery tools. The characteristics and power of the corded grinders vary according to type of use.

Power, reliability and durability are the 3 hallmarks of the new range, while ensuring maximum safety and ease of use for professionals.

• **Outstanding performance:**

- Powerful, resin-bonded, wear-resistant, durable motor
- Air vents providing optimal cooling, protected against dust infiltration

• **Unparalleled safety for operators:**

- Spindle lock device for quick disc changes
- Protection against accidental activation
- Smooth start, for limiting large initial inrush of current on start-up

• **Unique comfort and ease of handling:**

- Non-slip ergonomic handle for improved grip
- Lowered head that allows working in confined spaces

Tangle-free cable no less than 4 metres in length
for increased ease of movement
Additional handle that can be mounted on both sides

1956 115-750W

angle grinder for discs Ø 115 mm

Ideal for cutting, grinding and roughing jobs

Powerful motor (750 W)

Nonslip ergonomic handle for increased comfort and safety

Lowered head that allows working in confined spaces

Extremely lightweight (weighs no more than 1.8 kg)

Main features

- Protection against accidental activation
- Additional handle that can be mounted on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock-on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling performance
- Service wrench included

1.8 kg



1956 125-1400W

angle grinder for discs Ø 125 mm

Ideal for cutting, grinding and roughing jobs

L = 4 m

Powerful motor (1400 W) - Variable speed
Nonslip ergonomic handle for increased comfort and safety
Lowered head that allows working in confined spaces

Main features

- Protection against accidental activation
- Additional anti-vibration handle that can be mounted on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock-on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling performance
- Service wrench included

📦 2,5 kg



1956 125-1400W

1 019560125

1956 230-2400W

angle grinder for discs Ø 230 mm

Ideal for complex shearing, grinding and filing jobs

Powerful motor (2400 W)
Nonslip ergonomic handle for increased comfort and safety

Main features

- Protection against accidental activation
- Soft-start function for a smooth start and limiting large initial inrush of current on start-up
- Additional anti-vibration handle that can be mounted on both sides
- Screw disc cover
- Spindle lock device for quick disc changes
- Lock-on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling performance
- Service wrench included

📦 5,8 kg



L = 4 m



1956 230-2400W

1 019560230



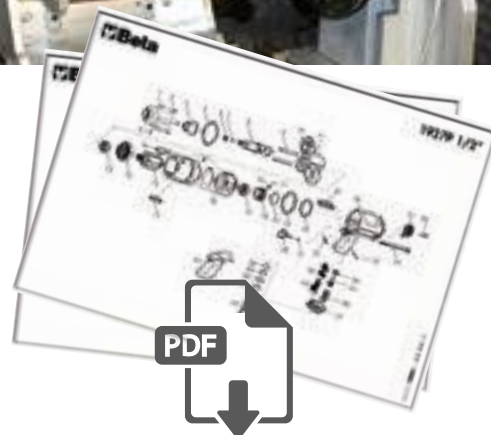
PNEUMATIC TOOLS

For over 20 years Beta Utensili has supplemented its products with a comprehensive range of pneumatic tools and accessories developed for the automotive and industrial maintenance markets: impact wrenches, ratchets, drills, grinders, sanders and many more items.

During this period close co-operation with professional users has been key to ongoing growth. It is on the basis of such growth that Beta's pneumatic tools can boast an excellent reliability/performance ratio.

In order to satisfy market requirements in the best possible way, Beta Utensili repairs the pneumatic tools in its Quality Department.



























This process has allowed the company to improve its know-how to a significant extent and become increasingly responsive to the customer base.



www.beta-tools.com


GUIDE TO CHOOSING PNEUMATIC TOOLS

IMPACT WRENCHES













■	BETA ITEM	N °.	MATERIAL	 max. Nm	 db (A) LpA	 db (A) LpW	 l/min.	 kg	MECHANISM	 m/s ²
3/8"		1924F	Aluminium	108	93.6	104.6	59	0,5	Double hammer	6.85
3/8"		1924B	Aluminium	353	91	95	80	1,5	Pin clutch	7.9
3/8"		1924CD	Composite material	410	91.7	102.7	79	1,3	Double hammer	6.2
1/2"		1927AN	Aluminium	244	89.4	100.4	190	2,1	Single hammer	8.63
1/2"		1927G	Aluminium	325	92.2	103.2	113	1,2	Single hammer	9.96
1/2"		1927B	Aluminium	705	98.0	109.0	133	2,1	Pin clutch	14.08
1/2"		1927XM	Aluminium	770	102	113	122	1,3	Single hammer	7.5
1/2"		1927CD	Composite material	1.020	95.5	106.5	130	2,3	Double hammer	7.2
1/2"		1927P	Composite material	1.750	95.1	106.1	290	2,0	Double hammer	6.7
3/4"		1928XM	Aluminium	1.600	91.8	102.8	175	2,9	Double hammer	12.96
3/4"		1928DA	Aluminium	1.695	96	99.5	300	4,3	Double hammer	3.6
3/4"		1928DAL	Aluminium	1.695	96	99.5	300	4,8	Double hammer	3.6
3/4"		1928CD	Composite material	1.800	97.5	108.5	215	3,5	Double hammer	11.4
1"		1930CD	Composite material	2.445	95.6	97.1	410	7,1	Double hammer	3,6
1"		1930PA	Aluminium	2.445	96.0	97.1	410	9,6	Double hammer	7,2
1"		1930A	Aluminium	2.445	103.3	114.3	460	9,5	Double hammer	67
1"		1930LH	Aluminium	2.441	97.1	108.1	282	7,1	Double hammer	17.4
1"		1930LA	Aluminium	2.445	95.6	97.1	460	10,6	Double hammer	3,6
1"		1930HLA	Aluminium	3.661	99	101	460	16,4	Double hammer	16,4
1 1/2"		1930ZL	Aluminium	4.068	102.4	113.4	480	15	Double hammer	69.6

GUIDE TO CHOOSING PNEUMATIC TOOLS

AIR IMPACT RATCHETS

■	BETA ITEM	N°.	 max. Nm	 db (A) LpA	 db (A) LpW	 l/min.	 kg	 m/s ²
1/4"		1921B1	24	96	85	90	0,4	2.6
1/4"		1921M1	27	84	88	96	0,6	1.8
1/4"		1922P1	68	90.6	101.6	88	0,6	8.61
3/8"		1921M2	27	84	88	96	0,6	1.8
3/8"		1922P2	68	90.6	101.6	88	0,6	8.61
1/2"		1921N3	68	80	87	140	1,2	2.6
1/2"		1922P3	136	94.9	105.9	113	1,5	18.28

GRINDERS

	BETA ITEM	N°.	POWER	 db (A) LpA	 db (A) LpW	 l/min.	 kg	 m/s ²
		1933	0,20 kW	80.0	87.0	230	0,38	4.53
		1933L	0,20 kW	80.0	87.0	270	0,67	1.15
		1933AN90	0,20 kW	80.0	87.0	230	0,51	1.24
		1933I	0,38 kW	80.0	87.0	260	0,67	4.53
		1933IL	0,38 kW	79.0	97.0	113	1,4	1.6
		1933IH	0,75 kW	88.1	99.1	370	0,8	2.6
		1933ILH	0,75 kW	85.7	96.7	370	1,2	1.4
		1933AN90-H	0,75 kW	85.6	96.6	370	1,1	6.7
		1934MAV	0,04 kW	71	76	115	0,2	2.5
		1934MAV70	0,08 kW	80	87	115	0,2	4

1921B1

baby reversible air ratchet

14"

CE



130 mm

Free speed	350 rpm
Max. torque	24 Nm
Bolt capacity	CI 8.8 M7●11 mm
Bolt capacity	CI 12.9 M6●10 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	68 l/min
Weight	0,4 kg

1/4	kg	1	019210001
-----	----	---	-----------

1921N3

reversible air ratchet

12"

CE



258 mm

Free speed	150 rpm
Max. torque	68 Nm
Bolt capacity	CI 8.8 M10●16 mm
Bolt capacity	CI 12.9 M8●13 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	140 l/min
Weight	1.2 kg

1/2	kg	1,2	1	019210025
-----	----	-----	---	-----------

1922P3

reversible air impact ratchet

12"

CE



292 mm

Free speed	600 rpm
Maximum torque	136 Nm
Bolt capacity	CI 8.8 M12●18 mm
Bolt capacity	CI 12.9 M10●16 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	1.5 kg

1/2	kg	1,5	1	019220013
-----	----	-----	---	-----------

1921M1

compact reversible air ratchet

14"

CE



198 mm

Free speed	200 rpm
Max. torque	27 Nm
Bolt capacity	CI 8.8 M7●11 mm
Bolt capacity	CI 12.9 M6●10 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	96 l/min
Weight	0.6 kg

1/4	kg	0,6	1	019210005
-----	----	-----	---	-----------

1922P1

reversible air impact ratchet

14"

CE



164 mm

Free speed	700 rpm
Maximum torque	68 Nm
Bolt capacity	CI 8.8 M10●16 mm
Bolt capacity	CI 12.9 M8●13 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	88 l/min
Weight	0.6 kg

1/4	kg	0,6	1	019220006
-----	----	-----	---	-----------

1924F

butterfly compact reversible impact wrench

3/8"

CE



139 mm

Free speed	12,000 rpm
Maximum torque	108 Nm
Bolt capacity	CI 8.8 M12●18 mm
Bolt capacity	CI 12.9 M10●16 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	59 l/min
Weight	0.5 kg

3/8	kg	0,5	1	019240025
-----	----	-----	---	-----------

1921M2

compact reversible air ratchet

3/8"

CE



198 mm

Free speed	200 rpm
Max. torque	27 Nm
Bolt capacity	CI 8.8 M7●11 mm
Bolt capacity	CI 12.9 M6●10 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	96 l/min
Weight	0.6 kg

3/8	kg	0,6	1	019210015
-----	----	-----	---	-----------

1922P2

reversible air impact ratchet

3/8"

CE



164 mm

Free speed	700 rpm
Maximum torque	68 Nm
Bolt capacity	CI 8.8 M10●16 mm
Bolt capacity	CI 12.9 M8●13 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	88 l/min
Weight	0.6 kg

3/8	kg	0,6	1	019220010
-----	----	-----	---	-----------



1924B

compact reversible impact wrench

- "Pin Clutch" impulse device



Free speed	10,000 rpm
Max. torque	353 Nm
Bolt capacity	CI 8.8 M16 ● 24 mm
Bolt capacity	CI 12.9 M14 ● 21 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	80 l/min
Weight	1,5 kg

■	kg	🔧	📄
3/8	1,5	1	019240021

1924XM

compact reversible impact wrench

- Single hammer impulse device



Free speed	9,000 rpm/min
Max. torque	515 Nm
Bolt capacity	CI 8.8 M16 ● 24 mm
Bolt capacity	CI 12.9 M14 ● 21 mm
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	122 l/min
Weight	1,3 kg

■	kg	🔧	📄
3/8	1,3	1	019240030

1927B/K5

reversible impact wrench, made from aluminium, supplied with 5 impact sockets, in case



Free speed	7,000 rpm
Max. torque	705 Nm
Bolt capacity	CI 8.8 M22 ● 34 mm
Bolt capacity	CI 12.9 M18 ● 27 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	133 l/min
Weight	2,1 kg

■	kg	🔧	📄
1/2	3,5	1	019270122
📏 350x305x86 mm			

1924CD

reversible impact wrench, made from composite material

- Double hammer impulse device



Free speed	10,000 rpm
Max. torque	410 Nm
Bolt capacity	CI 8.8 M16 ● 24 mm
Bolt capacity	CI 12.9 M14 ● 21 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	79 l/min
Weight	1,3 kg

■	kg	🔧	📄
3/8	1,3	1	019240007

1927B

reversible impact wrench

- "Pin Clutch" impulse device



Free speed	7,000 rpm
Max. torque	705 Nm
Bolt capacity	CI 8.8 M22 ● 34 mm
Bolt capacity	CI 12.9 M18 ● 27 mm
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	133 l/min
Weight	2,1 kg

■	kg	🔧	📄
1/2	2,1	1	019270022

1927CD

reversible impact wrench, made from composite material

- Double hammer impulse device



Free speed	7,000 rpm
Max. torque	1.020 Nm
Bolt capacity	CI 8.8 M22 ● 34 mm
Bolt capacity	CI 12.9 M18 ● 27 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	130 l/min
Weight	1,9 kg

■	kg	🔧	📄
1/2	2,3	1	019270007

1927CD/K3

assortment of one reversible impact wrench and three impact sockets

- Double hammer impulse device

12"
CE



720LC17-19-21 mm

Free speed	7,000 rpm
Max. torque	1,020 Nm
Bolt capacity	CI 8.8 M22●34 mm
Bolt capacity	CI 12.9 M18●27 mm
Air inlet	1/4" GAS
Working pressure	6.2 bars
Internal hose size (Ø)	10 mm
Mean air consumption	130 l/min
Weight	1.9 kg

1/2	kg	4	1	019270107
350x305x86 mm				

1927P/K3

reversible impact wrench, made from composite material, supplied with 3 impact sockets

12"
CE



720LC17-19-21 mm

Free speed	7,500 rpm
Max. torque	1,750 Nm
Bolt capacity	CI 8.8 M24●36 mm
Bolt capacity	CI 12.9 M20●30 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	290 l/min
Weight	2.9 kg

1/2	kg	4	1	019270118
350x305x86 mm				

1927XM

compact reversible impact wrench

- Single hammer impulse device

12"
CE



Free speed	10,000 rpm
Max. torque	770 Nm
Bolt capacity	CI 8.8 M22●34 mm
Bolt capacity	CI 12.9 M18●27 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	122 l/min
Weight	1.3 kg

1/2	kg	1,3	1	019270030
-----	----	-----	---	-----------

1927P

reversible impact wrench, made from composite material

- Double hammer impulse device

12"
CE



Free speed	7,500 rpm
Max. torque	1,750 Nm
Bolt capacity	CI 8.8 M24●36 mm
Bolt capacity	CI 12.9 M20●30 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	290 l/min
Weight	2 kg

1/2	kg	2,0	1	019270008
-----	----	-----	---	-----------

1927PAL

reversible impact wrench, made from composite material

- Double hammer impulse device
- 2" long anvil

12"
CE



Free speed	7,500 rpm/min
Max. torque	1,750 Nm
Bolt capacity	CI 8.8 M24●36 mm
Bolt capacity	CI 12.9 M20●30 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	290 l/min
Weight	2.2 kg

1/2	kg	2,2	1	019270009
-----	----	-----	---	-----------

1927XM/K5

Assortment of one compact reversible impact wrench and five impact sockets

- Single hammer impulse device

12"
CE



720 17-19-21-22-24 mm

Free speed	10,000 rpm
Max. torque	770 Nm
Bolt capacity	CI 8.8 M22●34 mm
Bolt capacity	CI 12.9 M18●27 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	122 l/min
Weight	1.3 kg

1/2	kg	2,8	1	019270129
307x206x86 mm				

1927AN

Angle reversible impact wrench

- Single hammer impulse device

12"

CE



Max. torque	244 Nm
Bolt capacity	244 Nm
Bolt capacity	CI 8.8 M14 ● 21 mm
Air inlet	CI 12.9 M12 ● 19 mm
Operating pressure	1/4" GAS
Internal hose size (Ø)	6,2 bar
Mean air consumption	10 mm
Weight	2.1 kg

■	kg	1	019270012
1/2"	2,1		

1927G

compact reversible impact wrench

- Single hammer impulse device

12"

CE



Free speed	8500 rpm
Max. torque	325 Nm
Bolt capacity	CI 8.8 M16 ● 24 mm
Bolt capacity	CI 12.9 M14 ● 21 mm
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	1.2 kg

■	kg	1	019270050
1/2"	1,2		

1927SP-AM

magnetic support for pneumatic impact wrench

- Fitted with two high-powered magnets with protective rubber tops
- Can accommodate 1 1/2" impact wrench, 4 sockets and 1 torque wrench
- Capacity: 10 kg



■	g	1	019270000
400			

1928XM

compact reversible impact wrench

- Double hammer impulse device
- Amazingly compact and powerful
- One-hand reverse button
- Three power adjustable screwing positions
- Exhaust through handle

3/4"

CE



Free speed	4,800 rpm
Max. torque	1,600 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	175 l/min
Weight	2.9 kg

■	kg	1	019280030
3/4"	2,9		

1928CD

reversible impact wrench, made from composite material

- Double hammer impulse device

3/4"

CE



Free speed	4,500 rpm
Max. torque	1,800 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	215 l/min
Weight	3,5 kg

■	kg	1	019280007
3/4"	3,5		

1928DA

reversible impact wrench

- Double hammer impulse device

3/4"

CE



Free speed	5,000 rpm
Max. torque	1,695 Nm
Bolt capacity	CI 8.8 M30 ● 46 mm
Bolt capacity	CI 12.9 M27 ● 41 mm
Air inlet	3/8" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	240 l/min
Weight	4,3 kg

■	kg	1	019280022
3/4"	4,3		

1928DAL

reversible impact wrench

- Double hammer impulse device

3/4"

CE



Free speed	5,000 rpm
Max. torque	1,695 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	240 l/min
Weight	4,8 kg

■	kg	1	019280023
3/4"	4,8		

1928K4

assortment of one reversible impact wrench and four impact sockets, long series

- "Pin Clutch" impulse device

3/4"
CE



728L 27-30-32-36 mm

Free speed	4,000 rpm
Max. torque	1.493 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS BSP
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	260 l/min
Impact wrench weight	5,2 kg

3/4"	9,3 kg	1	019280104
410x330x106 mm			

1930CD

reversible impact wrench, made from composite material

- Double hammer impulse device

1"
CE



Free speed	4,000 rpm
Max. torque	2.445 Nm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	320 l/min
Weight	7,1 kg

1"	7,1 kg	1	019300022
----	--------	---	-----------

1930LH

reversible impact wrench

- Double hammer impulse device

1"
CE



Free speed	6,000 rpm
Max. torque	2.441 Nm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm
Air inlet	1/2" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	280 l/min
Weight	7,1 kg

1"	7,1 kg	1	019300030
----	--------	---	-----------

1930PA

reversible impact wrench

- Double hammer impulse device

1"
CE



Free speed	3,500 rpm
Max. torque	2.445 Nm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm
Air inlet	1/2" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	350 l/min
Weight	9,6 kg

1"	9,6 kg	1	019300032
----	--------	---	-----------

1930LA

reversible impact wrench

- Double hammer impulse device

1"
CE



Free speed	4,000 rpm
Max. torque	2.445 Nm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	460 l/min
Weight	10,6 kg

1"	10,6 kg	1	019300037
----	---------	---	-----------

1930A

reversible impact wrench

- Double hammer impulse device

1"
CE



Free speed	4,000 rpm
Max. torque	2.445 Nm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	460 l/min
Weight	9,5 kg

1"	9,5 kg	1	019300036
----	--------	---	-----------

1930HLA

reversible impact wrench

- Double hammer impulse device

1

CE



Free speed	3,000 rpm
Max. torque	3.661 Nm
Bolt capacity	Cl 8.8 M42 ● 65 mm
Bolt capacity	Cl 12.9 M33 ● 50 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	460 l/min
Weight	16,4 kg

1	kg	16,4	1	019300040
---	----	------	---	-----------

1930ZL

reversible impact wrench

- Double hammer impulse device

1/2

CE



Free speed	3,000 rpm
Max. torque	4.068 Nm
Bolt capacity	Cl 8.8 M42 ● 65 mm
Bolt capacity	Cl 12.9 M36 ● 55 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	480 l/min
Weight	15 kg

1 1/2	kg	15	1	019300070
-------	----	----	---	-----------

1931CD6

reversible drill,
made from composite material

oB

CE



Free speed	2,600 rpm
Chuck capacity	1÷6 mm
Power	0,23 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	130 l/min
Weight	0,6 kg

0,6	kg	1	019310006
-----	----	---	-----------

1931CD10

reversible drill,
made from composite material

oB

CE



Free speed	1,800 rpm
Chuck capacity	1÷10 mm
Power	0,38 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	170 l/min
Weight	1 kg

1,0	kg	1	019310010
-----	----	---	-----------

1931CD13

reversible drill,
made from composite material

oB

CE



Free speed	800 rpm
Chuck capacity	1,0÷13 mm
Power	0,38 kW
Spindle thread	1/2" - 20UNC
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	170 l/min
Weight	1,3 kg

1,3	kg	1	019310013
-----	----	---	-----------

1931AN10

reversible angle drill

oB

CE



Free speed	1,400 rpm
Chuck capacity	1÷10 mm
Power	0,38 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	150 l/min
Weight	1,1 kg

1,1	kg	1	019310030
-----	----	---	-----------

1932B10

reversible drill



Free speed	1,800 rpm
Chuck capacity	1÷10 mm
Power	0,44 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	160 l/min
Weight	1,2 kg

kg 1,2
1 019320040

1932RS13

reversible drill



Free speed	750 rpm
Chuck capacity	1,5÷13 mm
Power	0,55 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	160 l/min
Weight	1,4 kg

kg 1,4
1 019320043

1932B13

reversible drill



Free speed	400 rpm
Chuck capacity	1,5÷13 mm
Power	0,34 kW
Spindle thread	1/2" - 20UNC
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	180 l/min
Weight	1,6 kg

kg 1,6
1 019320004

1933IH

high-power die grinder

- Collect chuck, Ø 3 mm and 6 mm



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,75 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	370 l/min
Weight	800 g

g 800
1 019330006



1933ILH

high-power long spindle die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,75 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	370 l/min
Weight	1,2 kg

kg 1,2
1 019330011

1933AN90-H

high-power angle grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	15,000 rpm
Chuck capacity	3 - 6 mm
Power	0,75 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	370 l/min
Weight	1,1 kg

kg 1,1
1 019330021

1933

die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	25,000 rpm
Chuck capacity	3 - 6 mm
Power	0,20 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	230 l/min
Weight	380 g

g 380
1 019330001

1933I

die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,38 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	260 l/min
Weight	670 g



g



1 019330005

1933L

long spindle die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	25,000 rpm
Chuck capacity	3 - 6 mm
Power	0,20 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	270 l/min
Weight	670 g



g



1 019330015

1933IL

long spindle die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,38 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	1,4 kg



kg



1 019330010

1933AN90

angle grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,20 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	230 l/min
Weight	510 g



g



1 019330020

1934BV

low-speed tyre buffer

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	3,700 rpm
Chuck capacity	3 - 6 mm
Power	0,37 kW
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	0.84 kg



g



1 019340000

1934MAV

micro die grinder

CE



Free speed	56,000 rpm
Chuck capacity	3 mm
Power	0,04 kW
Air inlet	1/4" GAS BSPT
Operating pressure	6,2 bar
Internal hose size (Ø)	4,5 mm
Mean air consumption	115 l/min
Weight	0.2 kg



g



1 019340010

1934MAV70

high-speed micro die grinder

CE



Free speed	70,000 rpm
Chuck capacity	3 mm
Power	0,08 kW
Air inlet	1/4" GAS BSPT
Operating pressure	6,2 bar
Internal hose size (Ø)	4,5 mm
Mean air consumption	115 l/min
Weight	0.21 kg



g

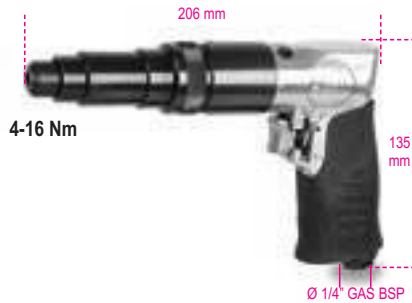


1 019340030



1935F

reversible air screwdriver



4-16 Nm

Free speed	800 rpm
Torque range	4-16 Nm
Screw capacity	6-9 M
Bit holder	● 1/4"
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	150 l/min
Weight	1,3 kg

kg
1,3

1 019350045

1936/4A

angle grinder



Free speed	11,000 rpm
Grinding disc size	115 mm
Power	0,66 kW
Spindle thread	M14
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	390 l/min
Weight	1,77 kg

kg
1,8

1 019360024

1936/5A

angle grinder



Free speed	10,000 rpm
Grinding disc size	125 mm
Power	0,66 kW
Spindle thread	M14
Air inlet	1/4" GAS
Working pressure	6,2 bar
Ø internal hose size	10 mm
Mean air consumption	390 l/min
Weight	1,9 kg

kg
1,9

1 019360025

1936/7A

angle grinder



Free speed	7600 giri/min
Grinding disc size	180 mm
Power	1,3 kW
Spindle thread	M14
Air inlet	3/8" GAS
Working pressure	6,2 bar
Ø internal hose size	13 mm
Mean air consumption	906 l/min
Weight	2,7 kg

kg
2,7

1 019360027

1937

roto-orbital palm sander, lubrication free, made from composite material

• Orbit diameter: 5 mm



Free speed	12,000 rpm
Power	0,18 kW
Pad size	150 mm
Orbit diameter	5 mm
Spindle thread	5/16"-24
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	170 l/min
Weight	0,86 kg

kg
0,86

1 019370001

1937R/P

6-hole pad, Ø 150 mm, for item 1937



1937R/P

1 019370002

1937KC

mini orbital sander

- Orbit diameter 4 mm
- 2 sanding pads (Ø 50 mm and Ø 75 mm)
- 10 abrasive paper discs (Ø 50 mm), grain 400, 600, 800
- 10 abrasive paper discs (Ø 75 mm), grain 400, 600, 800



Free speed	15000
Power	0,25
Pad size	50 - 75
Spindle thread	M6 x 1,0
Air inlet	1/4" GAS BSPT
Operating pressure	6,2 bar
Internal hose size (Ø)	10
Mean air consumption	79
Polisher weight	0,64
Kit weight	1,4

kg
1,4

1 019370171



1937C...

Abrasive paper discs for item 1937KC



Ø mm	P		
50	400	1	019370175
50	600	1	019370176
50	800	1	019370177
75	400	1	019370178
75	600	1	019370179
75	800	1	019370180

* Prices refer to 10 pieces

1937KL

mini polisher

- Sanding pad (Ø 75 mm)
- 2 polishing sponges (Ø 90 mm) - 1937/KL-DSB, 1937/KL-DSG
- Lambswool pad (Ø 90 mm) - 1937/KL-DLA

CE



Free speed	3,200 rpm
Power	0.25 kW
Pad size	75 mm
Spindle thread	M6
Air inlet	1/4" GAS BSPT
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	91 l/min
Polisher weight	0.75 kg
Kit weight	1.8 kg

kg	1,8	1	019370161
----	-----	---	-----------

1937KL-D

accessories for item 1937KL



Ø mm			
1937KL-DLA	90	1	019370164
1937KL-DSB	90	1	019370165
1937KL-DSG	90	1	019370166

1937K...

Pads for items 1937KC and 1937KL



Ø mm	1937KC	1937KL		
1937K-RP	50	•	1	019370173
1937K-RP	75	• •	1	019370163

1937M

multi-use sander
with 16 accessories

CE



Free speed	3,500 rpm
Power	0.34 kW
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Sander weight	1.5 kg
Kit weight	4.5 kg

kg	4,5	1	019370011
----	-----	---	-----------

458x495x116 mm

1937M-01÷11

accessories for item 1937M



	L mm	1937M-		
1937M-01	30		1	019370101
1937M-02	30		1	019370102
1937M-03	11		1	019370103
1937M-04	23		1	019370104
1937M-05	11		1	019370105
1937M-06	23		1	019370106
* 1937M-07	16		1	019370107
1937M-08	13	07	1	019370108
1937M-09	26	07	1	019370109
1937M-10	11	03, 05	1	019370110
1937M-11	23	01, 02, 04, 06	1	019370111

* The prices shown are for 6 pieces

1937N10

pneumatic belt sander

CE



Free speed	20,000 rpm
Power	0.37 kW
Belt size	10x330 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	374 l/min
Weight	0.9 kg

kg	0,9	1	019370041
----	-----	---	-----------

1937N10-GR

sand belts for item 1937N10



	P		
1937N10-GR60	60	1	019370146
1937N10-GR80	80	1	019370148
1937N10-GR100	100	1	019370150
1937N10-GR120	120	1	019370152

The prices shown are for 10 pieces

1937N20

pneumatic belt sander

CE



Free speed	16,000 rpm
Power	0.45 kW
Belt size	20x520 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	400 l/min
Weight	1.6 kg

kg	1,6	1	019370051
----	-----	---	-----------

1937N20-GR

sand belts for item 1937N20



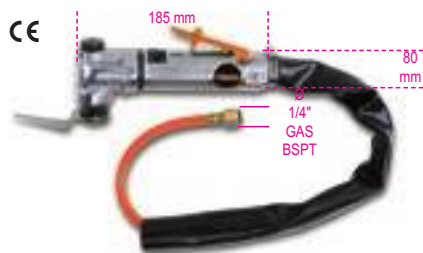
	P		
1937N20-GR60	60	1	019370156
1937N20-GR80	80	1	019370158
1937N20-GR100	100	1	019370160
1937N20-GR120	120	1	019370162

The prices shown are for 10 pieces

1938

windscreen remover

• Supplied with 1 57 mm straight blade

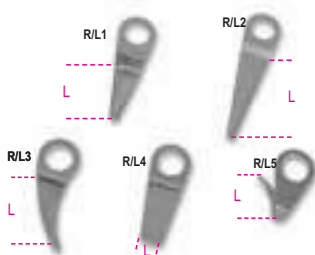


Oscillations/minute	20,000
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	6,5 mm
Mean air consumption	200 l/min
Weight	1,0 kg

kg	1,0	1	019380021
----	-----	---	-----------

1938R/L

blades for windscreen removers



	L mm		
1938R/L1	57	1	019380041
1938R/L2	90	1	019380042
1938R/L3	30	1	019380043
1938R/L4	8	1	019380044
1938R/L5	36	1	019380045

1938R/S5

set of 5 blades for item 1938

1938R/S5	1	019380055
----------	---	-----------

1940

air hammer

• Supplied with a nonreturn spring and a bayonet retainer for hexagon chisels



Strokes per minutes	3,500
Chisel inlet	Ø 11 mm
Piston size	19 mm
Piston stroke	67 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	240 l/min
Weight	1.9 kg

kg	1,9	1	019400001
----	-----	---	-----------

1940/C6

air hammer with 5 chisels and accessories

• For cutting sheet metal, bolts and bodies, removing welding slags, rivets, plaster and tiles
 • Assortment in a convenient ABS tool case, comprised of:
 1 air hammer item 1940
 1 flat chisel item 1940SN
 1 demolition chisel item 1940ST
 1 round-tipped chisel item 1940SD
 1 bevel chisel item 1940SPS
 1 sheet metal cutting chisel 1940SDT
 1 nonreturn spring item 1940MT
 1 bayonet retainer for hexagon chisels



Strokes per minute	3,500
Chisel inlet	Ø 11 mm
Piston size	19 mm
Piston stroke	67 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	240 l/min
Weight	3.3 kg

kg	3,3	1	019400000
320x240x90 mm			

1940MT

spare retainer spring for item 1940



1940MT	5	019400110
--------	---	-----------

1940S...

chisels for air hammers
item 1940



1940SN	5	019400020
1940ST	5	019400021
1940SD	5	019400022
1940SPS	5	019400023
1940SDT	5	019400024

1940/S5

set of 5 chisels for air hammers
item 1940



1940/S5	1	019400030
---------	---	-----------

1940E10

air hammer

• Compatible with chisels with 10-mm hexagon drive
 • Supplied with a nonreturn spring and a bayonet retainer



Strokes per minute	2,900
Inlet size	Ø 10 mm
Piston size	19 mm
Piston stroke	67 mm
Chisel inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	76 l/min
Weight	1.7 kg

kg	1,7	1	019400010
----	-----	---	-----------

1940E10/MT

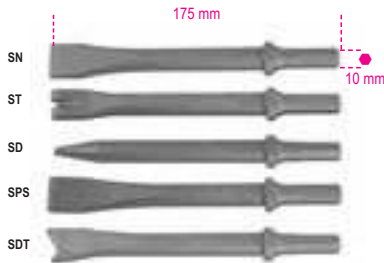
spare retainer spring for item 1940E10



1940E10/MT 5 019400112

1940E10/S...

chisels for air hammers 1940E10



1940E10/SN 5 019400040
 1940E10/ST 5 019400041
 1940E10/SD 5 019400042
 1940E10/SPS 5 019400043
 1940E10/SDT 5 019400044

1940E10/S5

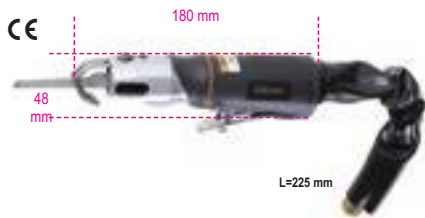
set of 5 chisels for air hammers 1940E10



1940E10/S5 1 019400050

1942A

air saw



Strokes per minute 10.000
 Stroke length 10 mm
 Air inlet 1/4" GAS BSP
 Operating pressure 6,2 bar
 Internal hose size (Ø) 8 mm
 Mean air consumption 75 l/min
 Weight 550 g

1942A 1 019420000

1942LR

Bimetal blades for air saw 1942A



1942LR 5 019420032

1944A

axial needle scaler

CE



Strokes per minute 3.800
 Stroke length 33 mm
 N°. of needles 19
 Needle size (Ø) 3 mm
 Air inlet 1/4" GAS
 Working pressure 6,2 bar
 Internal hose size (Ø) 10 mm
 Mean air consumption 85 l/min
 Weight 2,8 kg

1944A 1 019440011

1944N

needle scaler



Strokes per minute 3800
 Stroke length 33 mm
 N°. of needles 19
 Needle size (Ø) 3 mm
 Air inlet 1/4" GAS
 Working pressure 6,2 bar
 Internal hose size (Ø) 8 mm
 Mean air consumption 85 l/min
 Weight 2,7 kg

1944N 1 019440002

1944AR

set of needles for needle scalars 1944N and 1944A



1944AR 2 1 019440015
 1944AR 3 3 19 1 019440005

1944PA

needle plates for items 1944N and 1944A



1944PA 2 2 29 1 019440016
 1944PA 3 3 19 1 019440006

1945S

stapler

• Uses staples type 80, section 0.95 x 0.65 mm (21-Gauge), length: 4 - 16 mm; width: 12.8 mm



Magazine capacity 157 pcs
 Air inlet 1/4" GAS
 Working pressure 4,2 - 7 bar
 Internal hose size (Ø) 8 mm
 Air consumption (7 bar) 0,34 l/cycle
 Weight 0,87 kg

1945S 1 019450000

1945S/G...

staples type 80, section 0.95x0.65 mm (21-Gauge), width 12.8 mm, for item 1945S



	L mm	
• 1945S/G4	4	1 019450004
1945S/G6	6	1 019450006
1945S/G8	8	1 019450008
1945S/G10	10	1 019450010
1945S/G12	12	1 019450012
1945S/G14	14	1 019450014
1945S/G16	16	1 019450016

Stated prices are for 5,000 pieces
 • Stated prices are for 10,000 pieces



1945C

stapler, nailer, combo tool

- Uses staples type 90, section 1.25 x 1.0 mm (18-Gauge), length: 16 - 40 mm; width: 5.8 mm
- Uses round-headed nails type B12, section 1.25 x 1.0 mm (18-Gauge), 1.9-mm head



Magazine capacity	100 pcs
Air inlet	1/4" GAS
Working pressure	5 - 8 bar
Internal hose size (Ø)	8 mm
Air consumption (7 bar)	1.12 l/cycle
Weight	1.16 kg

kg	1	019450200
1,16		

1945C/G...

staples type 90, section 1.25x1.0 mm (18-Gauge), width 5.8 mm, for item 1945C

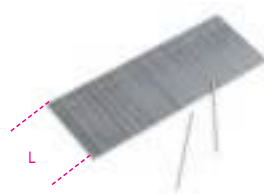


	L mm		
1945C/G16	16	1	019450216
1945C/G19	19	1	019450219
1945C/G22	22	1	019450222
1945C/G25	25	1	019450225
1945C/G28	28	1	019450228
1945C/G32	32	1	019450232
1945C/G35	35	1	019450235
1945C/G38	38	1	019450238
1945C/G40	40	1	019450240

Stated prices are for 5,000 pieces

1945C/GP...

nails type B12, section 1.25x1.0 mm (18-Gauge), 1.9 mm-head, for item 1945C



	L mm		
1945C/GP15	15	1	019450255
1945C/GP16	16	1	019450256
1945C/GP20	20	1	019450260
1945C/GP25	25	1	019450265
1945C/GP30	30	1	019450270
1945C/GP32	32	1	019450272
1945C/GP35	35	1	019450275
1945C/GP38	38	1	019450278
1945C/GP40	40	1	019450280
1945C/GP45	45	1	019450285
1945C/GP50	50	1	019450290

Stated prices are for 5,000 pieces



1945P

headless pinner

- Uses pins type B6, Ø 0.64 mm (23-Gauge), length: 12 - 35 mm



Magazine capacity	145 pcs
Air inlet	1/4" GAS
Working pressure	4 - 7 bar
Internal hose size (Ø)	8 mm
Air consumption (7 bar)	0.27 l/cycle
Weight	0.87 kg

kg	1	019450100
0,87		

1945P/S...

pins type B6, Ø 0.64 mm (23-Gauge), for item 1945P



	L mm		
1945P/S12	12	1	019450112
1945P/S15	15	1	019450115
1945P/S18	18	1	019450118
1945P/S20	20	1	019450120
1945P/S21	21	1	019450121
1945P/S22	22	1	019450122
1945P/S25	25	1	019450125
1945P/S30	30	1	019450130
1945P/S35	35	1	019450135

Stated prices are for 10,000 pieces

1946T

air riveter

- supplied with interchangeable nozzles for steel, stainless steel, aluminium and copper rivets, 2.4 - 3.2 - 4.0 - 4.8 mm long



Traction power	9,000 N
Stroke length	16 mm
Maximum rivet capacity	Stainless steel Ø 4.8 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Air consumption	2.0 l/cycle
Weight	1.7 kg

kg	1	019460021
1,7		

1946C4,8

riveter

- Automatic suction
- Supplied assembled for use with 2.4 - 3.2 - 4.0 - 4.8 mm long steel, stainless steel, aluminium and copper rivets



Traction power	8,900 N
Stroke length	15 mm
Maximum rivet capacity	Stainless steel Ø 4.8 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Air consumption	2.6 l/cycle
Weight	1.5 kg

kg	1	019460006
1,5		



1946C7,8

riveter

- Automatic suction
- Supplied assembled for use with 4.8 - 5.6 - 6.4 - 7.8 mm long steel, stainless steel, aluminium and copper rivets

CE



Traction power	16,900 N
Stroke length	22.5 mm
Maximum rivet capacity	Stainless steel Ø 7.8 mm
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Air consumption	4.9 l/cycle
Weight	1.8 kg

kg	1,8	1	019460008
----	-----	---	-----------

1946C/T...

heads for structural rivets



Ø mm		1	019460016
1946C/T4,8	4,8		
1946C/T6,4	6,4	1	019460018

1946KF

air riveter for threaded inserts

- Supplied assembled for threaded rivets made of steel, stainless steel, aluminium and copper, M4, M5, M6, M8

CE



Traction power	14,235 N
Stroke length	7 mm
Maximum rivet capacity	Stainless steel Ø, M8
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Air consumption	2.1 l/cycle
Air riveter weight	2.1 kg
Kit weight	3.4 kg

kg	3,4	1	019460012
----	-----	---	-----------

1946KF/M...

spare pins for item 1946KF



1946KF/M4	1	019460124
1946KF/M5	1	019460125
1946KF/M6	1	019460126
1946KF/M8	1	019460128

1947

bonding gun

- Pneumatic gun for medium-density silicone, adhesives and bonds
- Supports standard cartridges (210 x 50 mm), hard and soft

CE



Tube size	210x50 mm
Cartridge capacity	350 ml
Air inlet	1/4" GAS
Working pressure	4.8 bar
Internal hose size (Ø)	10 mm
Mean air consumption	120 l/min
Weight	1,1 kg

kg	1,1	1	019470001
----	-----	---	-----------

1947H

bonding gun

- Pneumatic gun for extruding silicone and bonds in standard plastic or aluminium
- Supports standard cartridges (215/218 x 50/51 mm), hard and soft
- Built-in pressure reducing valve

CE



Tube size	210x50 mm
Cartridge capacity	300/310 ml
Air inlet	1/4" GAS
Working pressure	4 + 8 bar
Internal hose size (Ø)	2.5 mm
Mean air consumption	120 l/min
Weight	750 g

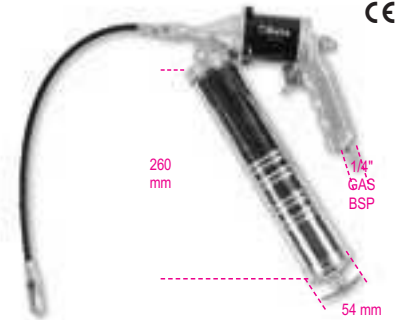
g	750	1	019470011
---	-----	---	-----------

1947G

grease gun

- Die-cast aluminium head
- Ergonomic grip for ease of access to tough greasing points
- Corrosion-resistant brass valve
- Takes 400 g cartridges or bulk grease up to 500 cc
- Tube size: 54 (interior) x 260 mm
- Air inlet: 1/4" GAS
- Operating pressure: 4+10 bar
- Weight: 1.9 kg

CE



Tube size: 54 (interior) x 260 mm
Air inlet: 1/4" GAS
Operating pressure: 4+10 bar
Weight: 1.9 kg

kg	1,9	1	019470051
----	-----	---	-----------

1947G2

2-in-1 grease gun

- For continuous or non-continuous grease supply
- Die-cast aluminium head
- Ergonomic handle
- Takes 400 g cartridges or bulk grease up to 500 cc

CE



Hose size: 54 (interior) x 276 mm
Air inlet: 1/4" GAS BSP
Operating pressure: 3+10 bar
Weight: 2.2 kg

kg	2,2	1	019470060
----	-----	---	-----------



1948

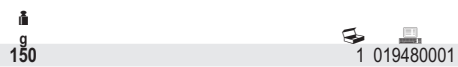
engraving pen

- Allows such materials as steel, stainless steel, aluminium, glass, stone and ceramic to be marked

CE



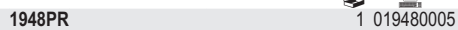
Strokes per minute	3,500 ÷ 3,800
Maximum hardness	60 HRC
Air inlet	1/4" GAS
Working pressure	6.2 bar
Mean air consumption	50 l/min
Weight	150 g



1948PR

spare tungsten carbide bit for item 1948

- Maximum hardness: 60 HRC



1949U5

progressive blow gun with 5 nozzles

- Hard-wearing, shockproof composite material body
- 3 steel nozzles, 100/160/320 mm, scratchproof, protective rubber tips
- 1 "Turbo" nozzle made of fibreglass-reinforced nylon with safety tip
- 1 revolving nozzle, 100 mm, made of fibreglass-reinforced nylon
- With quick fixing system

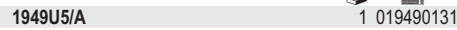


Threaded brass insert	1/4" GAS
Working pressure	10 bar
Maximum working pressure	15 bar
Mean air consumption	280 l/min
Working temperature	-10°C ÷ 80°C
Weight	93 g



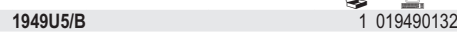
1949U5/A

steel nozzle, 100 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P



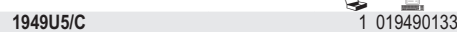
1949U5/B

steel nozzle, 160 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P



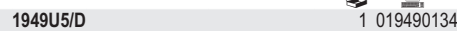
1949U5/C

steel nozzle, 320 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P



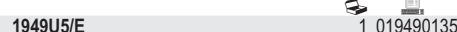
1949U5/D

revolving nozzle, 100 mm, made of fibreglass reinforced nylon, for item 1949U5 - 1949P



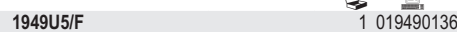
1949U5/E

"Turbo" nozzle made of fibreglass-reinforced nylon, with safety tip



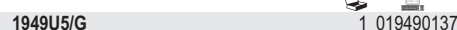
1949U5/F

flat, fan-shaped nozzle, made of fibreglass-reinforced nylon, for items 1949U5 and 1949P



1949U5/G

OSHA nozzle, made of fibreglass-reinforced nylon, for items 1949U5 and 1949P



1949BC

progressive blow gun with rubber nozzle

- Hard-wearing, shockproof composite material body
- Replaceable scratchproof rubber nozzle

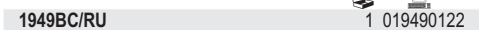


Aluminium threaded insert	1/4" GAS
Operating pressure	6-8 bar
Maximum operating pressure	15 bar
Mean air consumption	87 l/min
Operating temperature	-20°C ÷ 70°C
Weight	120 g



1949BC/RU

5 rubber nozzles for item 1949BC



1949P

progressive mini blow gun

- Hard-wearing, shockproof composite material body
- Quick nozzle fixing system
- Airflow can be adjusted through ring nut rotation

Ø 1/4" GAS BSPT



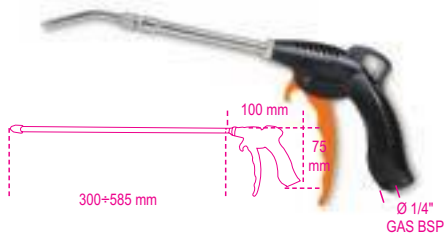
Brass threaded insert	1/4" GAS
Working pressure	6+8 bar
Maximum operating pressure	15 bar
Mean air consumption	280 l/min
Operating temperature	-10°C ÷ 85°C
Weight	70 g



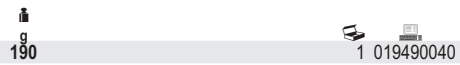
1949T

telescopic progressive blow gun

- Hard-wearing, shockproof composite material body
- Telescopic steel swivel tube: 165 mm ÷ 300 mm



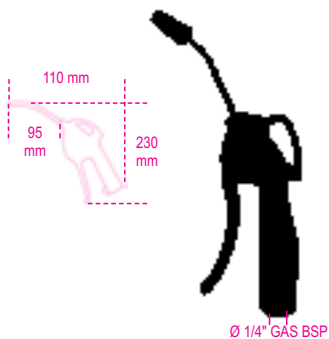
Aluminium threaded insert	1/4" GAS
Operating pressure	6÷8 bar
Maximum operating pressure	15 bar
Mean air consumption	144 l/min
Operating temperature	-20°C ÷ 70°C
Weight	190 g



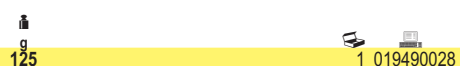
1949F2

progressive blow gun

- Made from hard-wearing, shockproof, scratchproof, thermally insulated composite plastic material
- Special valve and lever allow circuit to be progressively opened, thus optimizing air flow
- Tip with safety plastic cone for safe handling when not in use



Brass threaded insert	1/4" GAS
Operating pressure	4-8 bar
Maximum operating pressure	12 bar
Operating temperature	-20 °C ÷ 70 °C
Weight	125 g



1949GPA

tyre inflator

- shockproof rubber coated body
- metal operating lever
- operating pressure: 0,5÷12 bar, 7÷174 psi
- pressure release feature
- pressure measurement feature
- pipe length: 58 cm
- 360° hose rotation
- 1/4" air inlet



bar	psi	g	g
1949GPA	0,5÷12	7÷174	1 019490018

1949DGT/2

digital tyre inflator

- shockproof rubber coated body
- metal operating lever
- operating pressure: 0.5÷12 bar, 7÷174 psi
- 4 units of measurement, bar/psi/kpa/kgf
- backlit LCD display
- resolution: 0.05 bar
- self-power off after 1.5 minutes
- hose length: 58 cm
- 360° hose rotation
- power supply: 2 AAA batteries
- 1/4" air inlet



bar	psi	g	g
1949DGT/2	0,5÷12	7÷174	1 019490021

1949GPN

tyre inflator,
ABS housing

- CE certified pressure gauge with scale 0.7÷12 bars (graduation: 1/10 bars)
- Two servo-controlled buttons allow accurate, quick tyre inflating (+) and deflating (-)
- Supplied with a calibration certificate
- Fitted with a shockproof, protective shell and an eyelet
- Fitted with a 1/4" GAS threaded coupler
- Swivel air inlet for rubber hose, Ø 7 mm



bar	g	g	g
1949GPN	0,7÷12	810	1 019490011

1949M

tyre pressure tester



bar	psi	g	g
1949M	0÷4	5÷60	280
			1 019490400

1950BZK

tyre bead seater

- secondary handle with push-button operation helps keep hold of tool during use
- tank capacity: 18 l
- operating pressure: 3-8 bar
- tank maximum pressure: 16 bar
- pressure relief valve
- gauge with graduated scale
- plastic inlet preventing rim damage



g	g
1950BZK	1 019500078

1949R

blow gun
for cleaning radiators

- the 5 holes that are perpendicular to the handle allow dirt to be removed from radiators



1951

cleaning gun

- For cleaning car upholstery, carpeting, seats and boots



Free speed	
Tank capacity	1 L
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	110 l/min
Weight	650 g

g	
650	1 019510051

1951A

suction cleaning gun

- For cleaning car upholstery, carpeting, seats and boots
- For use with suitable detergents
- 1L tank
- Fitted with a tap for dispensing liquid from tank
- Complete with corrugated tube, 1.8 m long



Tank capacity	1 l
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	120 l/min
Weight	800 g

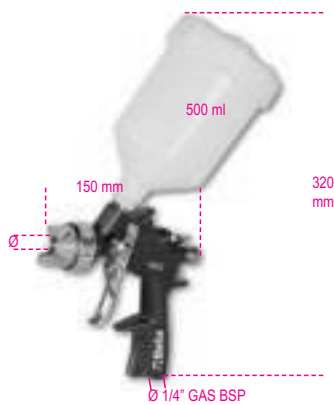
g	
800	1 019510101

1952

professional paint spray gun

- Die-cast aluminium body plated with black chemical nickel
- Nylon cup with drip-catching device, 3/8M BSP thread
- Body thread: 1/4" BSP cylindrical gas thread
- Pressure and airflow regulator
- Jet regulator from round to fan spray pattern
- Paint quantity regulator
- Supplied with service spanner for maintenance operations

CE



	Ø mm	
1952 1,2	1,2	1 019520012
1952 1,5	1,5	1 019520015
1952 1,8	1,8	1 019520018
1952 2,0	2,0	1 019520020

1900S

automatic spring hose reel, shockproof plastic body, for use with air or water

- max. operating pressure: 15 bar
- braided polyurethane hose
- polypropylene frame
- device for automatically fixing hose at required length
- rack mechanism can be disabled to keep hose pulled
- water operating temperature range: -5 °C / +50 °C
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



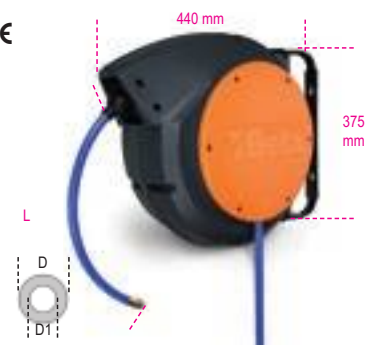
D1xD	L	Ø GAS	
mm	m	BSP	
8x12	10	1/4"	1 019000080

1900M

automatic spring hose reel, shockproof plastic body, for use with air or water

- max. operating pressure: 15 bar
- braided polyurethane hose
- polypropylene frame
- device for automatically fixing hose at required length
- rack mechanism can be disabled to keep hose pulled
- water operating temperature range: -5 °C / +50 °C
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE

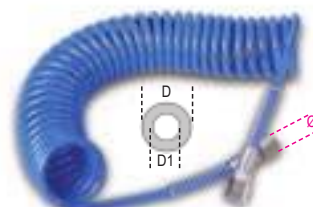


D1xD	L	Ø GAS	
mm	m	BSP	
8x12	15	1/4"	1 019000085
10x14	15	3/8"	1 019000115

1914

polyurethane recoiled hoses, 98 Shore, extendable

- Maximum operating pressure: 12 bar

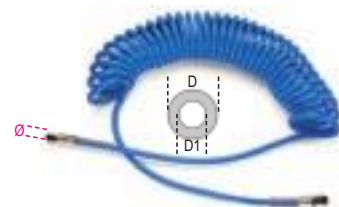


L	D1xD	Ø GAS	
m	mm	BSP	
4	5x8	1/4"	1 019140054
6	5x8	1/4"	1 019140056
10	5x8	1/4"	1 019140060

1915B

polyurethane recoil hoses, 95 Shore, extendable up to 9 m

- Maximum operating pressure: 10 bar



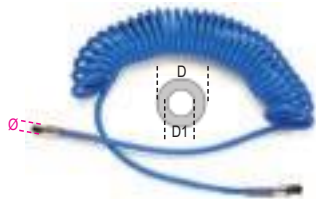
D1xD	Ø GAS	
mm	BSP	
6,5x10	1/4"	1 019150011
8x12	1/4"	1 019150012
11x16	3/8"	1 019150013

Beta

1915C

polyurethane recoil hoses, 95 Shore, extendable up to 12 m

• Maximum operating pressure: 10 bar

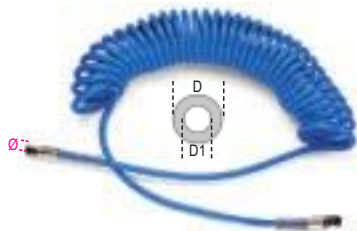


D1xD	Ø GAS		
mm	BSP		
6,5x10	1/4"	1	019150014
8x12	1/4"	1	019150015
11x16	3/8"	1	019150016

1915C/L

polyurethane recoil hoses, 95 Shore, extendable up to 15 m

• Maximum operating pressure: 10 bar



D1xD	Ø GAS		
mm	BSP		
8x12	1/4"	1	019150115
11x16	3/8"	1	019150116

1915D

braided polyurethane hose, 95 Shore, 9 metres long

• Maximum operating pressure: 15 bar



D1xD	Ø GAS		
mm	BSP		
8x12	1/4"	1	019150017
11x16	3/8"	1	019150018

1915E

braided polyurethane hose, 95 Shore, 12 metres long

• Maximum operating pressure: 15 bar



D1xD	Ø GAS		
mm	BSP		
8x12	1/4"	1	019150019
11x16	3/8"	1	019150020

1915E/XL

braided polyurethane coils, 95 Shore, 50 m long

• Maximum operating pressure: 15 bar



D1xD	Ø GAS		
mm	BSP		
8x12	1/4"	1	019150519
11x16	3/8"	1	019150520

1916I

quick couplings Italian profile male threaded, cylindrical (BSP)



Ø GAS			
BSP			
1/4"	5	019160001	
3/8"	5	019160002	

1916G

quick couplings European profile male threaded, tapered (BSPT)



Ø GAS			
BSPT			
1/4"	5	019160005	
3/8"	5	019160010	
1/2"	5	019160012	

1916GF

quick couplings, Italian profile, female threaded, cylindrical (BSP)



Ø GAS			
BSP			
1/4"	5	019160055	
3/8"	5	019160060	

1916GFE

quick couplings, European profile, female threaded, tapered (BSPT)



Ø GAS			
BSPT			
1/4"	5	019160075	
3/8"	5	019160082	
1/2"	5	019160084	

1916JM

quick couplings, Asian profile, male threaded, tapered (BSPT)



Ø GAS			
BSPT			
1/4"	1	019160406	
3/8"	1	019160410	

1916JF

quick couplings, Asian profile, female threaded, cylindrical (BSP)



Ø GAS			
BSPT			
1/4"	1	019160456	
3/8"	1	019160460	

1916P

quick couplings, Italian profile, with sleeve for rubber hose

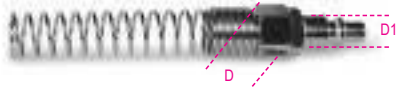


D1xD			
mm			
6x14	5	019160256	
8x17	5	019160258	
10x19	5	019160260	

Beta

1916S

quick couplings, Italian profile, with coil springs



D1xD mm		
6x8	5	019160306
8x10	5	019160308
10x12	5	019160310

1917M

universal ball quick couplers, shockproof rubber, male threaded, cylindrical (BSP)

- Designed for couplings 1916I and 1916G



Ø GAS BSP		
1/4"	5	019170001
3/8"	5	019170003
1/2"	5	019170004

1917F

universal ball quick couplers, shockproof rubber, female threaded, cylindrical (BSP)

- Matches couplings 1916I and 1916G



Ø GAS BSP		
1/4"	5	019170005
3/8"	5	019170010
1/2"	5	019170014

1917JM

ball quick couplers, Asian profile, male threaded, cylindrical (BSP)



Ø GAS BSP		
1/4"	1	019170406
3/8"	1	019170410
1/2"	1	019170412

1917JF

ball quick couplers, Asian profile, female threaded, cylindrical (BSP)



Ø GAS BSP		
1/4"	1	019170456
3/8"	1	019170460

1917RG

rotary universal coupler

- Made of aluminium, female threaded, cylindrical (BSP) male threaded, cylindrical (BSP)
- Matches all couplings with Italian and European profiles
- Rotates freely, even without connected area



Ø GAS BSP		
1/4"	1	019170252

1917SP

universal ball quick couplers, with sleeve for rubber hose



D1xD mm		
6x14	5	019170206
8x17	5	019170208
10x19	5	019170210

1917ST

universal ball quick couplers, with coil springs



D1xD mm		
6x8	5	019170306
8x10	5	019170308
10x12	5	019170310

1918

hose tail fitting, male threaded



D1 mm	Ø GAS BSP		
6	1/8"	3	019180106
8	1/8"	3	019180108
6	1/4"	3	019180116
8	1/4"	3	019180118
10	1/4"	3	019180120
10	3/8"	3	019180130
12	3/8"	3	019180132
10	1/2"	3	019180140
12	1/2"	3	019180142

1918N

connecting nipples with tapered threads (BSPT)



Ø GAS	Ø1 GAS		
1/4"	1/4"	5	019180300
3/8"	3/8"	5	019180310
1/2"	1/2"	5	019180320

1918R

reducing nipples with tapered threads (BSPT)



Ø GAS	Ø1 GAS		
1/4"	3/8"	5	019180200
3/8"	1/2"	5	019180210

1919FE1/4

filter-regulator-lubricator



Air in/outlet	1/4" GAS BSPT
Pressure gauge inlet	1/8" GAS BSPT
Maximum air capacity	750 l/min
Maximum pressure	9,5 bar
Operating pressure	0,5 - 8,5 bar
Operating temperature	5 - 60 °C
Filter capacity	5 micron
Cup capacity	15 cc air / 25 cc oil
Weight	700 g

1	019190200	

1919RB-FE1/4

set of spare cups for item 1919FE1/4



1919RB-FE1/4

1 019190210

1919RF-FE1/4

spare filter for item 1919FE1/4



1919RF-FE1/4

1 019190230

1919RM-FE1/4

spare pressure gauge for item 1919FE1/4



1919RM-FE

1 019190220

1919F1/4

filter-regulator-lubricator

1/4"



Air in/outlet 1/4" GAS BSPT
Maximum air capacity 1000 l/min
Maximum pressure 9,5 bar
Operating pressure 0,5 - 8,5 bar
Operating temperature 5 - 60 °C
Filter capacity 5 microns
Cup capacity 60 cc air / 90 cc oil
Weight 1.3 kg

kg
1,3

1 019190250

1919F3/8

filter-regulator-lubricator

3/8"



Air in/outlet 3/8" GAS BSPT
Maximum air capacity 1350 l/min
Maximum pressure 9,5 bar
Operating pressure 0,5 - 8,5 bar
Operating temperature 5 - 60 °C
Filter capacity 5 microns
Cup capacity 60 cc air / 90 cc oil
Weight 1.3 kg

kg
1,3

1 019190350

1919F1/2

filter-regulator-lubricator

1/2"



Air in/outlet 1/2" GAS BSPT
Maximum air capacity 2500 l/min
Maximum pressure 9,5 bar
Operating pressure 0,5 - 8,5 bar
Operating temperature 5 - 60 °C
Filter capacity 5 microns
Cup capacity 60 cc air / 90 cc oil
Weight 1.3 kg

kg
1,3

1 019190450

1919RB-F

set of spare cups for filters
item 1919F - 1/4", 3/8" and 1/2"



1919RB-F

1 019190510

1919RF-F

spare filter for filters
item 1919F - 1/4", 3/8" and 1/2"



1919RF-F

1 019190530

1919RM-F

spare pressure gauge for filters
item 1919F - 1/4", 3/8" and 1/2"



1919RM-F

1 019190520

1919ML

mini lubricators



Ø	L	Ø	
mm	mm	mm	
1/4"	63	36	1 019190030
3/8"	63	36	1 019190032

1919SC

mini water separator



Ø	L	Ø	
mm	mm	mm	
1/4"	80	40	1 019190035

1919L

ISO 32 lubricating oil

Density 20°C 875 Kg/m³
Viscosity 40°C 32 cSt
Flammability COC 210°C



cc
500

5 019190050



CONTAINERS AND ASSORTMENTS

			TOOL CASES & TROLLEYS									TOOL BAGS & BOXES											TOOL TROLLEYS												
			2009N/BV	2028/VV	2029/VV	2032/TV	2033L/VV	2036/TV	C99	C99V1	C99V3/2C	C4	C5	C5S	C6T	C7	C8	C10	C9	C10S	C11	CP15L	CP17	CP17L	C12	C14	CP15	C18	C19	C19L	C20	C20L	C41S	C41H	C42H
pieces																																			
5914VU/M	Universal maintenance	109																							458										
5915VU/0	Universal maintenance	35									460																								
5915VU/1	Universal maintenance	45														460	460	460	460	460						460	460								
5915VU/2	Universal maintenance	49													461												461		461	461					
5915VU/3	Universal maintenance	74													461												461		461	461					
5915VU/4	Universal maintenance	80																										461	461	461					
5915VU/5	Universal maintenance	111																							462					462	462				
5915VU/AS	Universal maintenance	68															463												463	463		462	462	462	
5940SBK	Bicycle and motorcycle repairs	125																													488	488	488		
5941VU/M	Universal maintenance	64																														489			
5980EL/A	Electronic	57	475			475	475																												
5980EL/B	Electronic	98		476		476	476																												
5980ET/A	Electrotechnical	70	473			473																			473										
5980ET/B	Electrotechnical	64		474		474	474																		474										
5980ID	Plumbing	35	477																																
5980MQ	Electrotechnical	46		474																															
5980U/BIKE	Bicycle and motorcycle repairs	90																														468			
5990V1	Universal maintenance	44							467	467																									
5990V3	Universal maintenance	116							467		467																								

TOOL BAGS AND RUCKSACKS MADE FROM TECHNICAL FABRIC

- **FUNCTIONALITY**
- **STURDINESS**
- **DURABILITY**

These are the three cornerstones of Beta's range of Fabric Containers. Beta's tool bags and rucksacks are made from sturdy technical fabric, resistant to both abrasion and wear, with reinforced bottoms and seams, translating into reliability and durability.

Each container has special characteristics, designed for different uses and space optimization: zipped pockets, telescopic handles, wheel protectors, reinforced shoulder straps and transparent document bags are but some of the peculiarities of each bag and rucksack.

Painstaking care for detail, variety and special attention to the completely safe transportation of the tools make these products ideal for every working situation.



POLYPROPYLENE TOOL CASES

Beta provides a wide range of technical cases catering to any needs! Beta's tool cases and trolleys are made from sturdy, thick, shockproof, corrosion-resistant polypropylene designed to withstand heavy-duty use – e.g. at low temperatures.

Choose the product that best fits your working requirements from the classic tool trolley, the wheeled trolley version for easy transport, the versions fitted with TSA locks for totally free travelling and, finally, the aluminium or watertight version.

Most of Beta's tool cases and trolleys are also available in combination with tool assortments satisfying different working needs, depending on the field of application: electronics, hydraulics, boating and maintenance.



2001/B26

fabric wallet with assortment of 26 tools



2001/B26

1 020010215

55 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
 96N/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
 1044F 250 mm
 1128BMX 145 mm
 1150 180 mm
 1201E 3x75 - 4x100 - 5,5x150 mm
 1202E PH1x80 - PH2x100 mm
 1370 300 g
 1692 2 m
 1770A 9 mm

2001/BV

1 020010051

2001/BZV

tool case made from durable technical fabric

- Double upper handle for optimal hold
- Large front document pocket with zip closure
- Velcro strap at the back, for fixing the tool case to the trolley handle
- 20 convenient tool compartments (6 pockets and 14 elastic bands)
- Hammer loops
- Shoulder strap C9/RT can also be included (to be ordered separately)



2001/BZV

1 020010151

380x290x60 mm - 675 g



2001/BZ24 MQ

folding tool case with assortment of 24 tools, for electricians



2001/BZ24 MQ

1 020010154

	n.
1128BMX	1
1150MQ 180 mm	1
42 8-10-13-17-19 mm	5
1274MQ 3x100 - 4x100 - 5,5x125 mm	3
1272MQ PH0x60 - PH1x80 - PH2x100 mm	3
96BP/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	9
1253	1
1082MQ 160 mm	1

2001/BZ27 VU

folding tool case with assortment of 27 tools, for universal use



2001/BZ27 VU

1 020010157

	n.
1128BMX	1
1150 180 mm	1
42 7-8-10-13-17-19 mm	6
1201E 3x75 - 4x100 - 5,5x150 mm	3
1202E PH0x60 - PH1x80 - PH2x100 mm	3
96/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	9
1370 300 g	1
1048N 250 mm	1
1692/5 5 m	1
1771 18 mm	1

2002/BV6

roll-up tool wallet made of durable polyester, empty

- With 6 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 175 x 240 mm



2002/BV6

1 020020000

2002/BVL6

roll-up tool wallet made of durable polyester, empty

- With 6 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 220 x 290 mm



2002/BVL6

1 020020010

2002/BV7-ZIP

roll-up tool wallet made of durable polyester, empty

- With 7 convenient, differently sized compartments and small tool pocket with zip closure
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 355 x 220 mm



2002/BV7-ZIP

1 020020060

2002/BV8

roll-up tool wallet made of durable polyester, empty

- With 8 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 395 x 360 mm



2002/BV8

1 020020020

2002/BV9

roll-up tool wallet made of durable polyester, empty

- With 9 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 325 x 290 mm



2002/BV9

1 020020030

2002/BV12

roll-up tool wallet made of durable polyester, empty

- With 12 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 650 x 355 mm



2002/BV12

1 020020040

2002/BV13

roll-up tool wallet made of durable polyester, empty

- With 13 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 330 x 190 mm



2002/BV13

1 020020050

2002/BV42

roll-up tool wallet made of durable polyester, empty

- With 42 convenient, differently sized tool compartments: 18 elastic bands and 24 pockets, including one pocket with strap flap
- Central handle made of reinforced fabric makes it easy to carry
- Can be hung on wall by means of metal rings
- Reinforcement seams throughout wallet perimeter
- Sturdy closure with double clip buckle
- Dimensions when open: 595 x 535 mm



2002/BV42

1 020020070

2005MPU

tool pouch, empty, made from nylon, with belt

- Five large tool pockets
- One front scissors pocket
- Buckle with carabine hook for adhesive tape
- Adjustable belt (70 ÷ 120 cm)

Dimensions: 155x285x80 mm



2005MPU

1 020050060

2005PA/D

tool pouch, empty, made from nylon, with belt



2005PA/D

1 020050000

2005PA/E

tool pouch, empty, made from nylon, with belt

- Two large pockets with elastic tool bands
- Two front scissors pockets
- Two convenient side compartments with:
 - left pocket with sturdy metal hook for measuring tapes
 - double right pocket with bag with drawstring and zip closure
- Buckle with carabine hook for adhesive tape
- Adjustable belt (70 ÷ 120 cm)

Dimensions: 260x250x190 mm



2005PA/E

1 020050030

2005PA/S

tool pouch, empty, made from nylon, with belt



2005PA/S

1 020050020

2009N/BV

leather bag for maintenance



2009N/BV

530x220x190 mm

1 020090200

2009ID

bag with assortment of tools for plumbing maintenance



2009ID

(2009N/BV+5980ID)

1 020091013

2028/VV

tool case, made of polypropylene

- 2 tool panels
- Interior bottom with removable partitions
- Double combination lock



2028/VV

480x190x400 mm

1 020280010

2028E

tool case with assortments of tools for electronic and electrotechnical maintenance



2028EL/A

(2028/VV+5980EL/A)

2028ET/A

(2028/VV+5980ET/A)

1 020281014

1 020281018

2029/VV

tool case, made of thick polypropylene, aluminium edged

2 tool panels
Bottom with removable and adjustable partitions
Supplied with shoulder strap
2 keyed locks



2029/VV 1 020290000

480x227x408 mm

2029E

tool cases with assortments of tools for electronic and electrotechnical maintenance



2029 BG MQ 1 020291257

(2029/VV+5980MQ)

2029ET/B 1 020291021

(2029/VV+5980ET/B)

2029EL/B 1 020291017

(2029/VV+5980EL/B)

2032/TV

tool trolley, made from plastic

2 tool panels
Tool pocket
Interior bottom with removable partitions



2032/TV 1 020320110

450x200x400 mm

2032/TE

tool trolley with assortments of tools for electronic and electrotechnical maintenance



2032TET/A 1 020321328

(2032/TV+5980ET/A)

2032TEL/A 1 020321314

(2032/TV+5980EL/A)

2033L/VV

wall tool case, made from aluminium, empty

- Highly shock resistant
- Nonscratch finish
- Ergonomic handle with rubber grip
- Double closure with combination

- 2 tool panels with elastic bands
- Interior bottom with removable partitions



2033L/VV 1 020330250

470x203x373 mm

2033L

aluminium tool cases with assortments of tools for electronic and electrotechnical maintenance



2033LEL/A 1 020331224

(2033L/VV+5980EL/A)

2033LEL/B 1 020331225

(2033L/VV+5980EL/B)

2033LET/B 1 020331237

(2033L/VV+5980ET/B)

2036/TV

tool trolley, made of thick polypropylene, aluminium edged

2 tool panels
Telescopic handle
Ball bearing castors



2036/TV 1 020360000

480x267x408 mm

2036E

trolley with assortments of tools for electronic and electrotechnical maintenance



2036TET/B 1 020361223

(2036/TV+5980ET/B)

2036EL/B 1 020361218

(2036/TV+5980EL/B)

2037/TV

tool trolley, made of thick polypropylene, with 4 pivoting castors

Highly shock resistant. Suitable for tool transportation in aircraft.
2 removable tool panels.
Built-in document pocket.
4 removable pivoting castors for horizontal trolley handling.
2 tote-trays included
2 TSA approved locks with keys
Rubber-coated handle



2037/TV 1 020370000

482x295x478 mm

2038/TV

tool trolley, made of thick polypropylene

- Highly shock resistant
- Aluminium sealing profile
- 2 TSA approved locks with keys
- 2 removable tool panels.
- Telescopic handle and big ball bearing castors
- 2 ergonomic rubber-coated handles (including 1 side handle)
- Capacious bottom
- Document pocket
- 3 tote drawers



2038/TV

1 020380000

430x375x525 mm

2041UC

Utility Case with assortment of 33 tools



2041UC

1 020410215

- 55 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
- 96/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 111 200 mm
- 1048V 250 mm
- 1128BMX 145 mm
- 1150 180 mm
- 1201E 2,5x50 - 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 1202E PH0x60 - PH1x80 - PH2x100 mm
- 1370 300 g
- 1692 3m
- 1771 170 mm
- 1833S 70 Lumen / 140 mm
- 1639NS-N 25m
- 1696 200 mm

535x282x87 mm - 4,5 Kg

2051N

assortment of 55 tools
for nautical maintenance
with shockproof polypropylene case



2051N

1 020510215

- 42 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 55AS 3/8x7/16 - 1/2x9/16 - 5/8x11/16"
- 956C □1/2 - 16 - 20,8 mm
- 1048 250 mm
- 1084BM 160 mm
- 1128BMX 145 mm
- 1150BM 180 mm
- 1166BM 160 mm
- 1201E ●3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 1202E ●PH1x80 - PH2x100 mm
- 1390 Ø 35 mm
- 1490/2 ø max 240 mm
- 96/SC9 ○1,5÷10 mm
- 1737 145 mm
- 1778X
- BMN1436 3,6 x 140 mm
- BMESB1925NE 25 m
- 111 200 mm
- 920A ○ 10 - 12 - 13 - 14 - 17 - 19 mm
- 920AS ○ 7/16 - 1/2 - 9/16 - 11/16 - 7/8"
- 920/22 255 mm - □1/2 - ■1/2
- 920/25 □1/2 - ■1/2
- 920/42 ■1/2
- 920/55 ■1/2

585x393x92 mm - 9 kg

2055HB

"Home Bag" case with assortment of 24 tools



2055HB

1 020550215

- 55 6x7 - 8x9 - 10x11 - 12x13 mm
- 96N/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1128BMX 145 mm
- 1150 180 mm
- 1048V 250 mm
- 1201E 3x75 - 4x100 - 5,5x100 mm
- 1202E PH0x60 - PH1x80 - PH2x100 mm
- 1370 300 g
- 1692 3m

373x275x70 mm - 3 Kg

2080/V6

organizer tool case with 6 removable tote-trays
and adjustable partitions



2080/V6 385x320x60 mm

1 020800060

2080/V6-U

removable tote-tray for organizer tool case
2080/V6



2080/V6-U

1 020800066

90x60x50 mm

 Beta

2080/D10

set of 10 adjustable partitions for organizer tool case 2080/V6



2080/D10

1 020800070

2080/V12

organizer tool case with 12 removable tote-trays



2080/V12 300x145x330 mm

1 020800000

2080/V12-...

removable tote-tray for organizer tool case 2080/V12



2080/V12-S



2080/V12-M



2080/V12-L

2080/V12-S 3 020800013

95x75x65 mm

2080/V12-M 2 020800015

145x75x65 mm

2080/V12-L 1 020800020

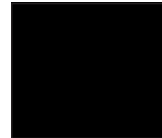
295x75x65 mm

C3

mini tool bag, made from technical fabric

Main features:

- 1 exterior front pocket with zip closure
- 2 side pockets with tote trays
- 1 convenient rear pocket with Velcro closure
- 1 removable interior tool panel, with elastic bands on both sides
- USB interface for charging mobile devices
- Complete with shoulder strap



C3

1 021030000

230x110x320 mm - 890 g

C4 - 2104

tool basket made of technical fabric

Removable internal tool panel
Internal and external pockets and elastic tool holder
Sturdy waterproof base with rubber feet
Supplied with shoulder strap



C4 2104VU/0 1 021040000

(C4+5915VU/0) 1 021041122

330x260x360 mm - 2,5 kg

C5S

tool rucksack, made of hard-wearing polyester

- Double handle on top centre of rucksack for firm, balanced hold
- Two large front pockets
- Two capacious interior pockets and 2 additional Velcro straps
- Handy roll-up interior bag, composed of 4 tool panels
- Adjustable reinforced shoulder straps
- Maximum carrying capacity: 15 kg



C5S

1 021050100

310x120x390 mm - 0,9 Kg

C5 - 2105

tool rucksack, made of technical fabric



C5 2105VU/0 1 021050000

(C5+5915VU/0) 1 021051122

400x200x500 mm - 2,5 Kg

C6T - 2106

tool rucksack, made of technical fabric, with castors



C6T	1	021060010
2106T/VU0	1	021061123
(C6T+5915VU/0)		
≡ 360x200x480 mm - 4,5 kg		

C7 - 2107

technical fabric tool bag

2 removable interior tool panels
Interior PC pocket
2 exterior front pockets
Interior bottom made of plastic, with removable partitions



C7	1	021070000
2107VU/2	1	021071112
(C7+5915VU/2)		
2107VU/3	1	021071114
(C7+5915VU/3)		
≡ 480x165x380 mm - 3,5 kg		

C8 - 2108

technical fabric tool trolley



C8	1	021080000
2108VU/1	1	021081022
(C8+5915VU/1)		
≡ 470x280x380 mm - 4 kg		

C8B

tool trolley made from technical fabric, for electricians

Hard frame
Telescopic carrying handle
4 castors
1 removable interior tool panel
Front pocket with badge holder
Double bottom complete with tote tray
2 exterior side pockets
2 wire puller hooks
Tilting handle for easier access to tools
Can be padlocked (padlock not included)



C8B	1	021080300
≡ 380x250x430 mm - 4,7 kg		

C9 - 2109

technical fabric tool bag

- Hard base
- Interior and exterior tool pockets
- Exterior pocket with zip closure for enhanced safety
- Pocket with strap closure for personal belongings
- Double bottom
- Double string for levels
- Shoulder strap for easier transport



C9	1	021090000
2109VU/1	1	021091022
(C9+5915VU/1)		
2109VU/3	1	021091024
(C9+5915VU/3)		
≡ 550x280x320 mm - 2,6 kg		

C9/RT

shoulder strap for items C4, C7, C9, C10, C10S, C11 and C12



C9/RT	1	021090900
--------------	---	-----------

C10 - 2110

technical fabric tool box

Hard frame
Double bottom. Bottom can be removed for increased bag capacity
Tilting handle for easier access to tools
Elastic tool bands and interior and exterior pockets
Cover
Tool tray included in double bottom



C10	1	021100000
2110VU/1	1	021101031
(C10+5915VU/1)		
2110VU/3	1	021101034
(C10+5915VU/3)		
2110VU/AS	1	021101036
(C10+5915VU/AS)		
≡ 520x220x250 mm - 3,3 kg		

C10S - 2110S

technical fabric tool box

- Hard frame
- Double bottom. Bottom can be removed for increased bag capacity
- Tilting handle for easier access to tools
- Elastic tool bands and interior and exterior pockets
- Cover
- Tool tray included in double bottom



C10S	1	021100001
2110SVU/1 (C10S+5915VU/1)	1	021101041
2110SVU/3 (C10S+5915VU/3)	1	021101044

≡ 420x220x250 mm - 📦 2,3 kg

C11 - 2111

technical fabric tool box



C11	1	021110000
2111VU/1 (C11+5915VU/1)	1	021111031
2111VU/3 (C11+5915VU/3)	1	021111034

≡ 410x230x250 mm - 📦 2 kg

C12 - 2112

technical fabric tool bag

- Removable interior tool panel
- Elastic tool bands and capacious interior and exterior pockets
- Bag opens at front for easier access to tools at workplace
- Hard, waterproof base with rubber feet
- Can be used with trolley C8



C12	1	021120000
2112ET/A (C12+5980ET/A)	1	021121028
2112ET/B (C12+5980ET/B)	1	021121029
2112VU/5 (C12+5915VU/5)	1	021121056

≡ 500x270x350 mm - 📦 5 kg

C13

tool trunk with castors,
made of hard-wearing polypropylene

- Suitable for outdoor use
- Shockproof, resistant to chemical agents
- Can be padlocked (padlock not included)
- Double closure
- Two wheels for horizontal handling of tool trunk
- With interior tote tray which can be removed and locked in two positions inside
- Name plate



C13	1	021130000
-----	---	-----------

≡ 806x350x467 mm - 📦 7,2 kg

C14

tool trolley, made of polypropylene, with 4 drawers

- Injection polypropylene frame for increased shock resistance.
- Lid-protected front accommodates 4 pull-out drawers (470x255):
 - 1 drawer 30 mm high
 - 2 drawers 60 mm high
 - 1 drawer 90 mm high
- Front centralised lock allows top and front lids to be closed simultaneously.
- Two side handles
- 4 sturdy rear castors
- Removable top tray
- Tool panel built into lid
- 3 tote-trays included
- Nameplate
- Can be closed with TSA lock



C14	1	021140000
2114VU/M (C14+5914VU/M)	1	021141011

≡ 585x390x457 mm - 📦 10 kg

CP15 - 2115

tool box, made from plastic, removable tote-tray and tool trays

- 1 tool tray built into cover
- 2 removable tool trays with adjustable partitions
- 1 interior tote-tray with adjustable partitions



CP15	1	021150201
2115PVU/1 (CP15+5915VU/1)	1	021151232
2115PVU/2 (CP15+5915VU/2)	1	021151234

≡ 445x240x250 mm - 📦 2 kg

CP15L - 2115

tool box, long series, made from plastic, removable tote-tray and tool trays

- 3 tool trays built into cover with adjustable partitions
- 1 interior tote-tray with adjustable partitions



CP15L	1	021150202
2115PL-VU/1 (CP15L+5915VU/1)	1	021151242
2115PL-VU/3 (CP15L+5915VU/3)	1	021151245
558x277x270 mm - 2,5 kg		

2115PI/BIKE-HOME

assortment of 28 tools for bike maintenance and E-bikes, in plastic box



2115PI/BIKE-HOME	1	021150098
------------------	---	-----------

- 96BP/SC9
- 3935
- 3969K3
- 42 8-9-10-13-14 mm
- 42SLIM 15 mm
- 1082G 160 mm
- 1150G 180 mm
- 1201E 3x75 - 5,5x150 mm
- 1202E PH0x60 - PH2x100 mm
- 3991
- BMESB1925NE 25 m
- BMN1436 3,6 x 140 mm

558x277x270 mm - 4,3 kg



2115P L-MQ32

assortment of 32 insulated tools for hybrid cars, in plastic tool box with soft thermoformed tray



2115PL-MQ32	1	021150332
-------------	---	-----------

- 920MQ/55A
- 89MQ 10-12 mm
- 850MQ 1/4"
- 860TX/A10 T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 920MQ/A 8-10-12-13-14-17-19 mm
- 920MQ/21 125mm
- 920MQ/22 250mm
- 1048MQ250 250mm
- 1150MQ 180mm
- 1164MQ160 160mm
- 1272MQ 4.5X80-6X100mm
- 1274MQ 3X100-4X100-5.5X125
- 1995MQ/G2 G2
- CP15L

C16 - 2116

tool box, made of plastic, with interior object compartment, empty



C16	1	021160000
2116VU/1 (C16+5915VU/1)	1	021161102
2116VU/3 (C16+5915VU/3)	1	021161105
500x260x260 mm - 2,5 kg		

CP17 - CP17L - 2117

tool box, made of stainless steel and plastic, removable tote-tray



CP17
500x200x220 mm



CP17L
575x245x265 mm

CP17	1	021170500
2117P-VU/1 (CP17+5915VU/1)	1	021171042
2117P-VU/3 (CP17+5915VU/3)	1	021171045
CP17L	1	021170502
2117L-VU/1 (CP17L+5915VU/1)	1	021171142
2117PL-VU/3 (CP17L+5915VU/3)	1	021171145

C18 - 2118

tool box made from sheet metal



C18	1	021180001
2118VU/1 (C18+5915VU/1)	1	021181032
450x200x100 mm - 3 kg		



C19 - 2119 - C19L - 2119L

three-section cantilever tool box,
made from sheet metal



C19

≡ 450x200x160 mm

C19L

≡ 550x200x160 mm

C19	1	021190001
2119VU/3 (C19+5915VU/3)	1	021191025
C19L	1	021190002
2119L-VU/3 (C19L+5915VU/3)	1	021191125

C20 - C20L - 2120

five-section cantilever tool box,
made from sheet metal



C20

≡ 450x200x210 mm

C20L

≡ 550x200x210 mm

C20	1	021200001
2120VU/2 (C20+5915VU/2)	1	021201061
2120VU/3 (C20+5915VU/3)	1	021201063
2120VU/4 (C20+5915VU/4)	1	021201064
2120VU/AS (C20+5915VU/AS)	1	021201068
C20L	1	021200002
2120L-VU/2 (C20L+5915VU/2)	1	021201161
2120L-VU/3 (C20L+5915VU/3)	1	021201163
2120L-VU/4 (C20L+5915VU/4)	1	021201164
2120L-VU/AS (C20L+5915VU/AS)	1	021201168

C20TSS

five-section cantilever tool box, made of AISI
304 stainless steel



C20TSS

≡ 450x200x210 mm - 4kg

1	021203001
---	-----------

C22B

tool trunk,
made of sheet metal



C22B O

≡ 720x320x310 mm

C22BM O

≡ 850x360x350 mm

C22BL O

≡ 1010x410x400 mm

C22B-O	1	022000150
C22BM-O	1	022000160
C22BL-O	1	022000170

C22B O: 13 kg
C22BM O: 20 kg
C22BL O: 26 kg

C22W

tool trunk,
made from sheet metal,
lined for enhanced tool protection



C22W-O

≡ 690x300x360 mm

C22WL-O

≡ 990x300x360 mm

C22W-O	1	022000269
C22WL-O	1	022000299

C22W O: 15 kg
C22WL O: 28 kg

C22P

tool trunk for building yards, made of sheet
metal

built-in, retractable handles
raised shoes for forklift truck handling
double burglar-proof lock closure (not included)



C22PM O

≡ 915x540x430 mm

C22PL O

≡ 1220x720x615 mm

C22PM-O	1	022000240
C22PL-O	1	022000245

C22PM O: 39 kg
C22PL O: 67 kg



C99

Combo is Beta's modular system comprised of **3 different types of sturdy tool cases** for replacing your work equipment tidily and totally safely. The tool cases can be easily joined to each other by a **simple click**, through the functional side snap-on mechanism.

The system, Beta Combo C99, is compatible with the L-BOXX standard by Sortimo®.

C99

BETA COMBO comprehensive modular system

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

System comprising:

- Ultracompact folding trolley with telescopic handle C99P (485x520x1095 mm)
- ABS tool case C99V1 (445x358x152 mm)
- ABS tool case C99V2 (445x358x254 mm)
- ABS tool case with 2 portable tote trays C99V3/2C (445x358x322 mm)



C99



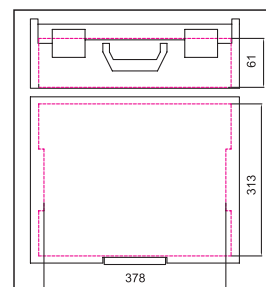
C99V0

COMBO ABS tool case, with transparent cover

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Transparent cover made from sturdy polycarbonate for quick identification of contents
- Outer dimensions: 445x358x118 mm
- Max. interior carrying capacity: 25 kg
- Can be padlocked
- Weight: 2.5 kg



C99V0



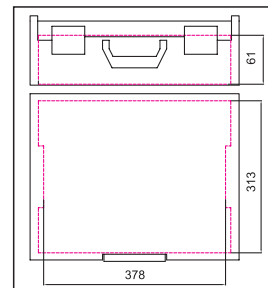
C99V0-P12

COMBO ABS tool case, with transparent cover

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Transparent cover made from sturdy polycarbonate for quick identification of contents
- Particularly suitable for carrying smallwares, including screws, nuts, washers, rivets and dowels
- Supplied complete with kit of 18 tote trays:
 - 2 red trays, 52x52 mm
 - 3 yellow trays, 104x52 mm
 - 2 blue trays, 104x104 mm
 - 1 green tray, 104x156 mm
 - 2 orange trays, 208x52 mm
 - 2 grey trays, 312x71 mm, and 6 adjustable partitions
- Outer dimensions: 445x358x118 mm
- Max. interior carrying capacity: 25 kg
- Can be padlocked
- Weight: 3.2 kg



C99V0-P12



1



099000200

C99P12-V0

kit of 18 tote trays for tool cases C99V0

Kit contents:

- 2 red trays, 52x52 mm
- 3 yellow trays, 104x52 mm
- 2 blue trays, 104x104 mm
- 1 green tray, 104x156 mm
- 2 orange trays, 208x52 mm
- 2 grey trays, 312x71 mm, and 6 adjustable partitions



C99P12-V0



1



099000499



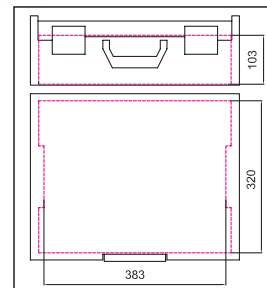
C99V1

COMBO ABS tool case

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Outer dimensions: 445x358x152 mm
- Max. interior carrying capacity: 25 kg
- Can be padlocked
- Weight: 2.2 kg



C99V1



1 099000250

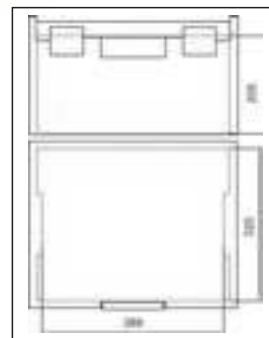
C99V2

COMBO ABS tool case

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Outer dimensions: 445x358x254 mm
- Max. interior carrying capacity: 25 kg
- Weight: 2.8 kg



C99V2



1 099000350



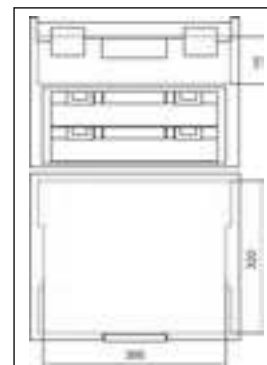
C99V3/2C

COMBO ABS tool case with 2 portable tote trays

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Outer dimensions: 445x358x322 mm
- Max. interior carrying capacity: 25 kg
- Supplied with 2 tote trays C99C-V3, empty
- Weight: 5.6 kg



C99V3/2C



1

099000450

C99C-V3

COMBO portable tool box

Transparent cover for quick identification of contents

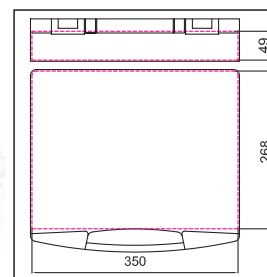
Built-in handle

Outer dimensions: 367x316x72 mm

Weight: 0.9 kg

Can be equipped with:

- 7 compartment thermoformed tote tray C99T-V3
- kit of 17 tote trays item C99P-V3



C99C-V3



1

099000496

C99P

COMBO folding tool trolley

Main features:

- Ultracompact folding tool trolley
- Telescopic handle
- Dimensions when open: 485x520x1095 mm
- Dimensions when closed: 485x80x810 mm
- Dimensions of folding base: 485x350 mm
- Two puncture proof wheels, Ø 175



C99P



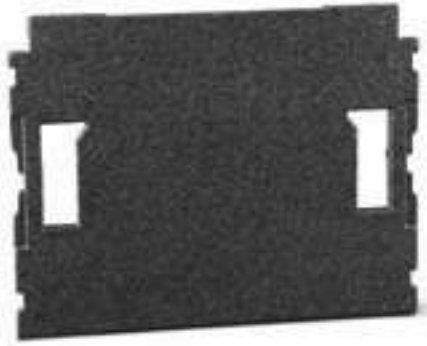
1

099000101

C99PC

cover lining for wall tool cases C99V1 and C99V3/2C

Required in combination with thermoformed trays, to prevent the contents from coming out of the compartments or getting mixed up during transportation.



C99PC

1 099000491

C99T

thermoformed tote tray, 4-compartment, for tool cases C99V1 and C99V3/2C



C99T

1 099000492

C99M

soft foam insert, pre-cubed, for COMBO tool cases C99V1, C99V2 and C99V3/2C

Easy to shape, for safe, customized accommodation of any tools



C99M

1 099000494

C99T-V3

thermoformed tote tray with 7 compartments, for tool boxes C99C-V3



C99T-V3

1 099000497

C99P-V3

kit of 17 tote trays for tool boxes C99C-V3

Kit contents:

- 6 red trays 52x52 mm
- 2 yellow trays 104x52 mm
- 3 grey trays 78x260 mm and 6 partitions



C99P-V3

1 099000498

C99PP

tool panel for COMBO cases

- with 6 pockets and 11 elastic tool bands
- supplied complete with hooks for fixing panel into case cover



376 mm

306 mm

C99PP

1 099000489



RSC22

portable tool chest
with 3 drawers

Main features:

- 3 drawers (588x277 mm)
with ball bearing slides:
- 1 drawer, 50 mm high
- 2 drawers, 70 mm high.
- Front centralized lock.
- Retractable side handles for ease of handling.

19 kg



RSC22-O



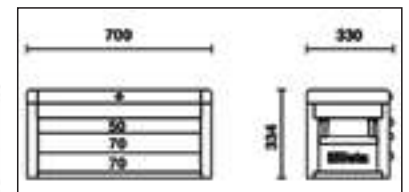
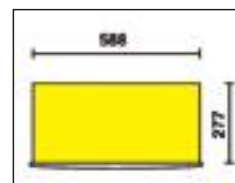
RSC22-A



RSC22-R



h	max
50 mm	25 kg
70 mm	25 kg



RSC22-O	RAL 2011	1	022003001
RSC22-R	RAL 3000	1	022003003
RSC22-A	RAL 7016	1	022003007

RSC23

portable tool chest
with 5 drawers

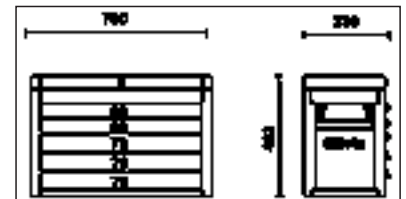
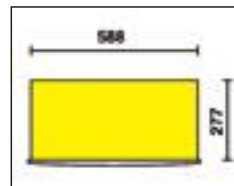
Main features:

- 5 drawers (588x277 mm)
with ball bearing slides:
- 2 drawers, 50 mm high
- 3 drawers, 70 mm high.
- Front centralized lock.
- Retractable side handles for ease of handling.

📦 26 kg



h	max
50 mm	25 kg
70 mm	25 kg



RSC23-O	RAL 2011	1	023003001
RSC23-R	RAL 3000	1	023003003
RSC23-A	RAL 7016	1	023003007

CD23S

Caddy trolley

Main features:

- ABS-coated worktop designed to match tool chests RSC22, RSC23, RSC23C, RSC23T
- Removable handle, can be stored underneath chassis.
- Four castors, Ø 100 mm: 2 fixed and 2 steering (one with brake).
- Maximum load capacity: 250 kg.

📦 14 kg



CD23S		1	023000610
-------	--	---	-----------

RSC23C

portable tool chest
with 8 drawers

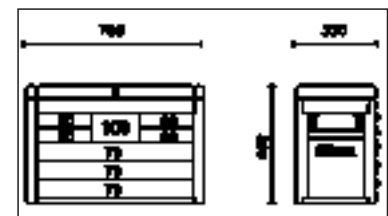
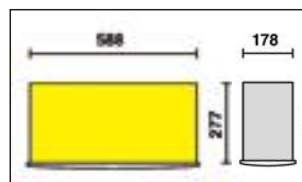
Main features:

- 8 drawers (588x277 mm) with ball bearing slides:
- 4 drawers, 50 mm high
- 3 drawers, 70 mm high
- 1 drawer, 100 mm high.
- Front centralized lock.
- Retractable side handles for ease of handling.

📦 28 kg



h	max
50 mm	25 kg
70 mm	25 kg



RSC23C-O	RAL 2011	1	023003011
RSC23C-R	RAL 3000	1	023003013
RSC23C-A	RAL 7016	1	023003017

RSC23T

portable tool chest
with 5 drawers

Main features:

- 5 drawers (588x367 mm) with ball bearing slides:
- 5 drawers, 70 mm high.
- Front centralized lock.
- Can be fitted with kit of 4 castors and 1 handle (2300ST/KIT)

36 kg



RSC23T-A



RSC23T-B



RSC23T-G



RSC23T-N



RSC23T-R

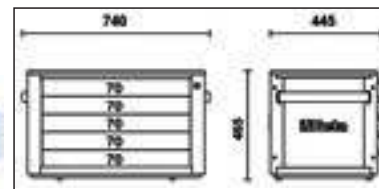
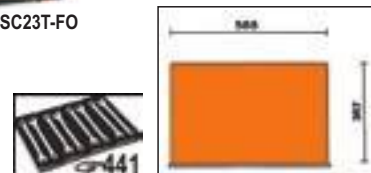


RSC23T-O



RSC23T-FO

h	max
70 mm	25 kg



RSC23T-FO	RAL 2011	1	023003020
RSC23T-O	RAL 2011	1	023003021
RSC23T-G	RAL 9006	1	023003022
RSC23T-R	RAL 3000	1	023003023
RSC23T-B	RAL 5015	1	023003026
RSC23T-A	RAL 7016	1	023003027
RSC23T-N	RAL 9005	1	023003029



2300ST/KIT

kit with 4 castors and 1 handle for C23ST

- Four castors, Ø 125 mm:
- 2 fixed and 2 steering (one with brake).
- Telescopic handle

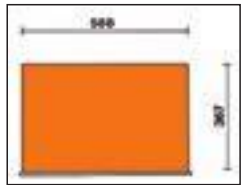
6,5 kg

2300ST/KIT	1	023000950
------------	---	-----------





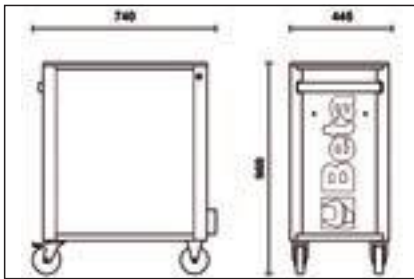
MOBILE ROLLER CAB RSC24

Beta
RSC24



Available colours:

RSC24-		
FO	RAL 2011	RAL 2011
O	RAL 7016	RAL 2011
G	RAL 7016	RAL 9006
R	RAL 7016	RAL 3000
B	RAL 7016	RAL 5015
A	RAL 7016	RAL 7016
N	RAL 9005	RAL 9005



NEW WORKTOP

**FIRMER AND STURDIER
MORE CONVENIENT
AND FUNCTIONAL
MORE MODERN**



- Drawers with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- New ABS reinforced worktop, designed to support tool chests RSC22, RSC23, RSC23C and RSC23T
- Multi-purpose top with anti-fall edges and eight holes for accommodating screwdrivers
- Front centralized safety lock
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 800 kg

Available models:

- RSC24/5 (5 drawers)
- RSC24/6 (6 drawers)
- RSC24/7 (7 drawers)
- RSC24/8 (8 drawers)

Available accessories:



RSC24/7

mobile roller cab with 7 drawers

Main features:

- 7 fully removable drawers (588x367 mm), with ball bearing slides:
- 5 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 210 mm high

63 kg

Model	Qty	Code
RSC24/7-FO	1	024004070
RSC24/7-O	1	024004071
RSC24/7-G	1	024004072
RSC24/7-R	1	024004073
RSC24/7-B	1	024004076
RSC24/7-A	1	024004077
RSC24/7-N	1	024004079



Beta
RSC24



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg

RSC24/5

mobile roller cab with 5 drawers

Main features:

- 5 fully removable drawers (588x367 mm), with ball bearing slides:
- 2 drawers, 70 mm high
- 2 drawers, 140 mm high
- 1 drawer, 280 mm high

60 kg

	↕	🖨️
RSC24/5-FO	1	024004050
RSC24/5-O	1	024004051
RSC24/5-G	1	024004052
RSC24/5-R	1	024004053
RSC24/5-B	1	024004056
RSC24/5-A	1	024004057
RSC24/5-N	1	024004059



RSC24/5-O

Beta RSC24



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

RSC24/6

mobile roller cab with 6 drawers

Main features:

- 6 fully removable drawers (588x367 mm), with ball bearing slides:
- 4 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 280 mm high

62 kg

	↕	🖨️
RSC24/6-FO	1	024004060
RSC24/6-O	1	024004061
RSC24/6-G	1	024004062
RSC24/6-R	1	024004063
RSC24/6-B	1	024004066
RSC24/6-A	1	024004067
RSC24/6-N	1	024004069



RSC24/6-O

Beta RSC24



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

RSC24/8

mobile roller cab with 8 drawers

Main features:

- 8 fully removable drawers (588x367 mm), with ball bearing slides:
- 6 drawers, 70 mm high
- 2 drawers, 140 mm high

66 kg

	↕	🖨️
RSC24/8-FO	1	024004080
RSC24/8-O	1	024004081
RSC24/8-G	1	024004082
RSC24/8-R	1	024004083
RSC24/8-B	1	024004086
RSC24/8-A	1	024004087
RSC24/8-N	1	024004089



RSC24/8-O

Beta RSC24



h	max
70 mm	25 kg
140 mm	30 kg

RSC24A/6

mobile roller cab with 6 drawers,
with anti-tilt system

Main features:

- 6 fully removable drawers (588x367 mm), with ball bearing slides:
- 4 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 280 mm high

62 kg

RSC24A/6-O	1	024004161
RSC24A/6-R	1	024004163
RSC24A/6-A	1	024004167



RSC24A/6-O

Beta RSC24



RSC24A/6-A



RSC24A/6-R



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

RSC24A/7

mobile roller cab with 7 drawers,
with anti-tilt system

Main features:

- 7 fully removable drawers (588x367 mm), with ball bearing slides:
- 5 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 210 mm high

63 kg

RSC24A/7-O	1	024004171
RSC24A/7-R	1	024004173
RSC24A/7-A	1	024004177



RSC24A/7-O

Beta RSC24



RSC24A/7-A



RSC24A/7-R



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg

RSC24A/8

mobile roller cab with 8 drawers,
with anti-tilt system

Main features:

- 8 fully removable drawers (588x367 mm), with ball bearing slides:
- 6 drawers, 70 mm high
- 2 drawers, 140 mm high

66 kg

RSC24A/8-O	1	024004181
RSC24A/8-R	1	024004183
RSC24A/8-A	1	024004187



RSC24A/8-O

Beta RSC24



RSC24A/8-A



RSC24A/8-R



h	max
70 mm	25 kg
140 mm	30 kg

MOBILE ROLLER CAB RSC24AXL

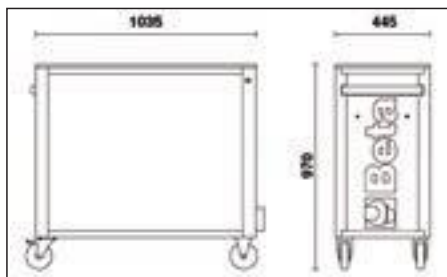


LONG VERSION:
each drawer can accommodate up to 6 EVA foam
or ABS thermoformed trays

ANTI-TILT SYSTEM: PREVENTS SEVERAL DRAWERS FROM BEING SIMULTANEOUSLY OPENED



- Drawers with ball bearing slides
- New ABS reinforced worktop with anti-fall edges, eight holes for accommodating screwdrivers and 6 tote trays.
- Sturdy nylon front, with built-in label holder
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1000 kg
- Drawer bases protected by foamed rubber mats
- Integrated side bottle holder
- Front centralized safety lock



Available colours:

O	RAL 7016	RAL 2011
G	RAL 7016	RAL 7016
R	RAL 7016	RAL 3000

Available accessories:



RSC24AXL/7

mobile roller cab with 7 drawers,
with anti-tilt system,
long model

Main features:

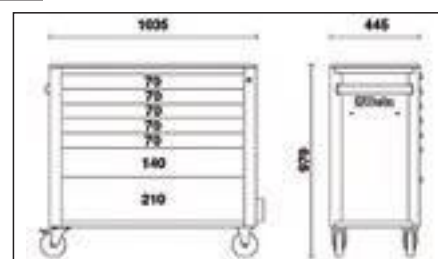
- 7 fully removable drawers (882x367 mm), with ball bearing slides:
 - 5 drawers, 70 mm high
 - 1 drawer, 140 mm high
 - 1 drawer, 210 mm high



h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg



84 kg



RSC24AXL/7-O	1	024004271
RSC24AXL/7-R	1	024004273
RSC24AXL/7-A	1	024004277

RSC24AXL/8

mobile roller cab with 8 drawers,
with anti-tilt system,
long model

Main features:

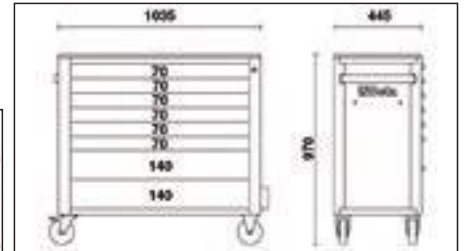
- 8 fully removable drawers (882x367 mm), with ball bearing slides:
- 6 drawers, 70 mm high.
- 2 drawers, 140 mm high.

88 kg

RSC24AXL/8-O	1	024004281
RSC24AXL/8-R	1	024004283
RSC24AXL/8-A	1	024004287



h	max
70 mm	30 kg
140 mm	35 kg



RSC24AXL/9

mobile roller cab with 9 drawers,
with anti-tilt system,
long model

Main features:

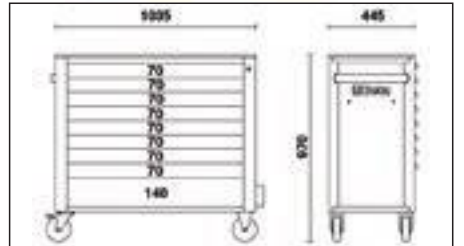
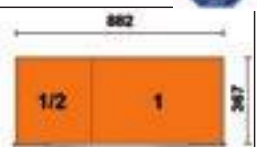
- 9 fully removable drawers (882x367 mm), with ball bearing slides:
- 8 drawers, 70 mm high
- 1 drawer, 140 mm high.

90 kg

RSC24AXL/9-O	1	024004291
RSC24AXL/9-R	1	024004293
RSC24AXL/9-A	1	024004297



h	max
70 mm	30 kg
140 mm	35 kg



2400 RSC24/PC

paper roll holder for mobile roller cab RSC24

0,3 kg

2400 RSC24/PC-A	1	024004903
2400 RSC24/PC-N	1	024004904



RAL7016 2400 RSC24/PC-A
RAL9005 2400 RSC24/PC-N

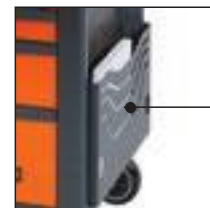


2400 RSC24/PD

document holder for mobile roller cab RSC24

1,2 kg

2400 RSC24/PD-A	1	024004907
2400 RSC24/PD-N	1	024004908



RAL7016 2400 RSC24/PD-A
RAL9005 2400 RSC24/PD-N



2400 RSC24/PF

perforated tool panel with supports, for roller cab RSC24

2,3 kg

2400 RSC24/PF	1	024004902
---------------	---	-----------

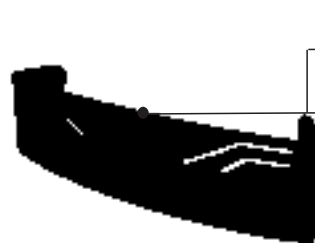


2400 RSC24/PF-

bottle holder for mobile roller cab RSC24

0,5 kg

2400 RSC24/PF-A	1	024004905
2400 RSC24/PF-N	1	024004906



RAL7016 2400S RSC24/PF-A
RAL9005 2400S RSC24/PF-N



2400 RSC24/PL

wood worktop for roller cab RSC24

4,3 kg

2400 RSC24/PL	1	024004901
---------------	---	-----------



2400 RSC24/SPC

computer bracket for mobile roller cab RSC24

- With removable drawer
- Cannot be used with model RSC24AXL

3,1 kg

2400 RSC24/SPC	1	024004909
----------------	---	-----------



2400 RSC24/MP

folding shelf for items RSC24 - RSC24A - RSC51

- For use as additional worktop
- Worktop dimensions: 390x440 mm, protected by an anti-oil and anti-petrol rubber mat
- Load capacity: 20 kg

📦 3,4 kg



2400 RSC24/MP

1 024004900

2499PF

bottle holder

- Can match roller cabs C38, C38A

📦 2,5 kg

2499PF O



2499PF G



2499PF R



2499PF-O

1 024990210

2499PF-G

1 024990219

2499PF-R

1 024990230

2499PF/M

universal magnetic bottle holder

📦 2,2 kg



2499PF/M

1 024990050

2499PC

paper roll holder

- Matches Tank trolleys C25 and cabs C38.

📦 2,2 kg



2499PC

1 024990090



RSC24L/7

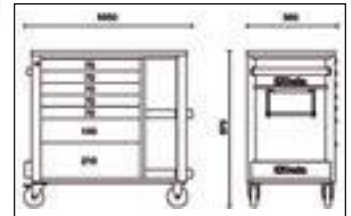
mobile roller cab
with 7 drawers
and side shelves

Main features:

- 7 drawers (588x367 mm) with ball bearing slides:
 - 5 drawers, 70 mm high
 - 1 drawer, 140 mm high
 - 1 drawer, 210 mm high.
- Drawer bases protected by foamed rubber mats.
- 4 castors, Ø 125 mm:
 - 2 fixed and 2 steering with brakes.
- Front centralized lock.
- Static load capacity: 1,100 kg.
- Multi-ply wood worktop with holes for a vice (1599F/100, to be ordered separately).
- Side compartment with vertically adjustable shelf.
- Built-in paper roll holder.
- Double rear bottle holder.
- Built-in side bottle holder.

80 kg

Model	RAL	Weight	Code
RSC24L/7-O	RAL 2011	1	024004371
RSC24L/7-R	RAL 3000	1	024004373
RSC24L/7-A	RAL 7016	1	024004377



RSC24L-CAB

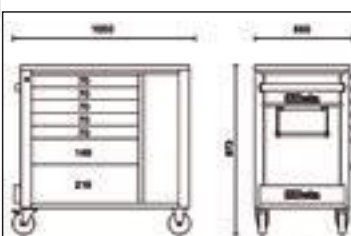
mobile roller cab
with 7 drawers
and tool cabinet

Main features:

- 7 drawers (588x367 mm) with ball bearing slides:
 - 5 drawers, 70 mm high
 - 1 drawer, 140 mm high
 - 1 drawer, 210 mm high.
- Drawer bases protected by foamed rubber mats.
- 4 castors, Ø 125 mm:
 - 2 fixed and 2 steering with brakes.
- Front centralized lock.
- Side tool cabinet with lockable door and vertically adjustable interior shelf.
- Static load capacity: 1,100 kg.
- Multi-ply wood worktop with holes for a vice (1599F/100, to be ordered separately).
- Built-in paper roll holder.
- Double rear bottle holder.
- Built-in side bottle holder.

82 kg

Model	RAL	Weight	Code
RSC24L-CAB/O	RAL 2011	1	024004471
RSC24L-CAB/R	RAL 3000	1	024004473
RSC24L-CAB/A	RAL 7016	1	024004477



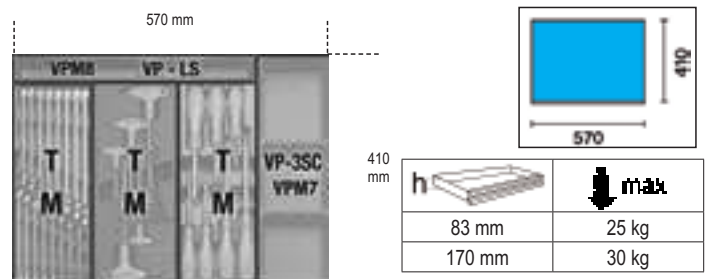
C04TSS-7

mobile roller cab with seven drawers, made entirely of stainless steel, Non-marking wheels

Main features:

- Seven drawers (570 x 410 mm) with ball bearing slides;
- 6 drawers, 83 mm high;
- 1 drawer, 170 mm high;
- 4 castors Ø 125 mm
- 2 fixed and 2 steering (two with brakes);
- Front centralized lock;
- Frame made entirely of stainless steel AISI 304
- Castors, supports, ball bearings, drawer interiors and guides made of stainless steel
- Drawer handles made of aluminium

63 kg



C04TSS/7



1 024003077 305

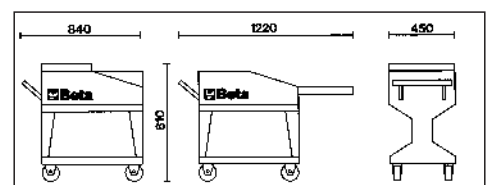
C25

Tank trolley with shelf

Main features:

- Foldaway lid.
- 1 sliding drawer.
- Tool tray protected by foamed rubber mats.
- Shelves protected by oil and fuel proof mats.
- Four castors 100 mm in Ø:
- 2 fixed and 2 swivelling (one with brake).
- Safety lock.
- One more shelf M4 can be added on the opposite side.
- Empty thermoformed tray for 1/2" sockets and accessories (024990104).
- Paper roll holder item 2499PC can also be included

31,5 kg



C25



1 025000001

C27S

folding tool trolley for outdoor jobs

Folding tool trolley. Its unique patented design guarantees an effortless transport.

Features:

- 2 drawers, 588x277 mm, with ball bearing slides, for two-way opening
- Large lower object compartment, 588x277x220 mm
- Sheet metal frame
- 2 fixed castors, Ø 160 mm, and 2 steering castors with brake, Ø 100 mm
- Thermoplastic worktop with 6 built-in tool trays
- Centralized lock
- Can accommodate drawer partitions and MC foam tool trays

20 kg



C27S-O



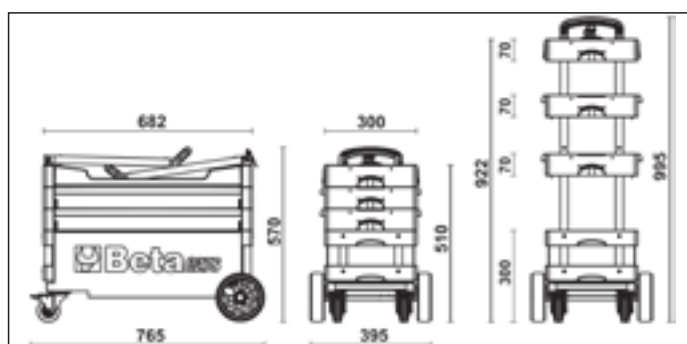
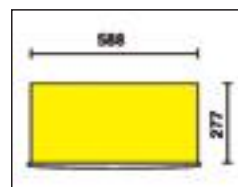
C27S-G



C27S-R



h	max
70 mm	20 kg



C27S-O	RAL 2011	1	027000201
C27S-G	RAL 7016	1	027000202
C27S-R	RAL 3000	1	027000203

RSC28

SuperTank trolley with wood worktop and 10 drawers

Main features:

- 10 drawers (588x367 mm) with ball bearing slides.
- Quick, safe system for opening and closing drawers, with nylon and fibreglass front.
- 5 side drawers:
 - 4 drawers, 70 mm high
 - 1 drawer, 210 mm high.
- 5 front drawers:
 - 4 drawers, 70 mm high
 - 1 drawer, 210 mm high.
- Drawer bases protected by foamed rubber mats.
- 4 high-capacity castors, Ø 150 mm:
 - 2 fixed and 2 steering with brakes.
- 2 centralized safety locks.
- 3 front tool drawers.
- Multi-ply wood worktop with holes for a vice (1599F/150, to be ordered separately).
- Built-in tool compartment.
- Side compartment with foldaway door with lock.
- Built-in bottle holders.
- 135-mm-high storage compartment with plastic-covered base.
- Static load capacity: 1,200 kg.

1200 kg



RSC28-O

130 kg



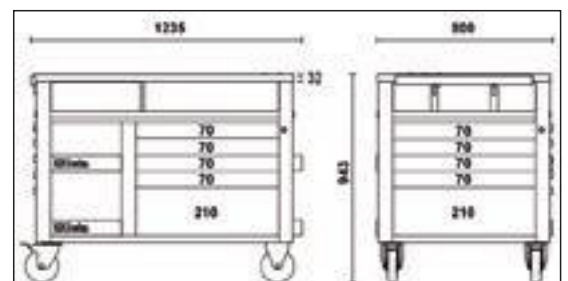
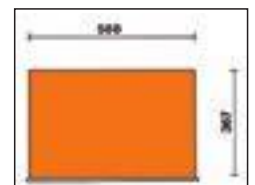
RSC28-A



RSC28-R



h	max
70 mm	25 kg
210 mm	30 kg



RSC28-O	1	028003001
RSC28-R	1	028003003
RSC28-A	1	028003007

C30M

MaxiTank mobile workbench

Main features:

- 5 front drawers with ball bearing slides:
 - 3 drawers (367x610 mm), 90 mm high
 - 1 drawer (588x610 mm), 90 mm high
 - 1 drawer (588x610 mm), 180 mm high.
- Quick opening system with aluminium front.
- Drawer bases protected by foamed rubber mats.
- Can be fitted with thermoformed trays.
- One hydraulic jack, designed to lift front part effortlessly, thus allowing easy transportation.
- 4 high-capacity castors:
 - 2 steering, front, Ø 150 mm
 - 2 fixed, rear, Ø 170 mm.
- Oil-proof, rubber-coated worktop, 1300x800 mm, with drain hole for fluid collection in a small tank.
- Storage compartment, 720x250x1300 mm, with PVC-coated worktop and front sliding panels.
- Centralized lock for drawers and panels.
- 3 built-in side bottle holders.
- Built-in paper roll holder
- Static load capacity: 1,800 kg.
- Can accommodate a multi-ply wood worktop (3000M/PLM), to be ordered separately
- Can accommodate vice 1599F/150 (to be ordered separately).

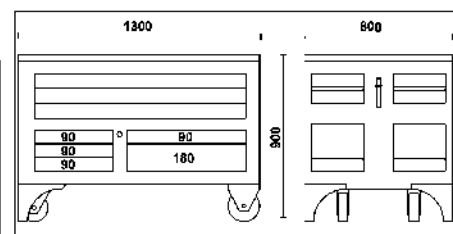
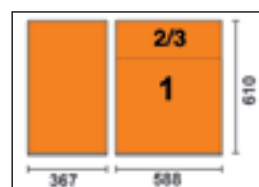
1800
kg



200 kg



h	max
90 mm	30 kg
180 mm	35 kg



C30M

1 030000300

3000M/PLM

wood worktop for C30M,
with holes for a vice (1599F/150)

10 kg



1240x740x26 mm

3000M/PLM

1 030000350



FUNCTIONAL AND STURDY

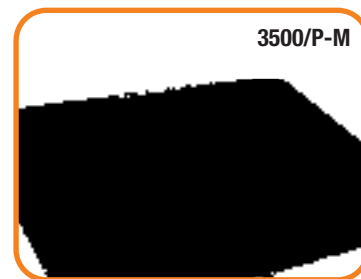


- Pull-out drawers
- Front centralized safety lock
- Can accommodate a worktop and drawer partitions, to be ordered separately
- Static load capacity: 1200 kg

Available models:

- **C35/6GM** (6 drawers)
- **C35/7GM** (7 drawers)
- **C35/8GM** (8 drawers)
- **C35/9GM** (9 drawers)

Available accessories:



C35/6GM

industrial tool chest with 6 drawers

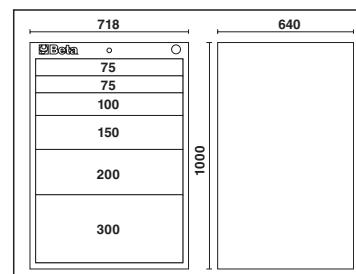
Main features:

- 6 pull-out drawers (600x447 mm):
 - 2 drawers, 75 mm high
 - 1 drawer, 100 mm high
 - 1 drawer, 150 mm high
 - 1 drawer, 200 mm high
 - 1 drawer, 300 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately

75 kg



h	max
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg
300 mm	70 kg



C35/6GM



1



035000162

C35/7GM

industrial tool chest with 7 drawers

Main features:

- 7 pull-out drawers (600x447 mm):
2 drawers, 75 mm high
1 drawer, 100 mm high
3 drawers, 150 mm high
1 drawer, 200 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately

82 kg

C35/7GM

1 035000172



h	MEC
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg



718	640
75	1000
75	
100	
150	
150	
150	
200	

C35/8GM

industrial tool chest with 8 drawers

Main features:

- 8 pull-out drawers (600x447 mm):
4 drawers, 75 mm high
1 drawer, 100 mm high
2 drawers, 150 mm high
1 drawer, 200 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately

86 kg

C35/8GM

1 035000182



h	MEC
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg



718	640
75	1000
75	
75	
100	
150	
150	
150	
200	

C35/9GM

industrial tool chest with 9 drawers

Main features:

- 9 pull-out drawers (600x447 mm):
6 drawers, 75 mm high
3 drawers, 150 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately

91 kg

C35/9GM

1 035000192



h	MEC
75 mm	70 kg
150 mm	70 kg



718	640
75	1000
75	
75	
75	
75	
75	
150	
150	
150	

3500/P-M

worktop with perimeter edge for tool chest C35

3500/P-M

700x600 mm

1 035000505

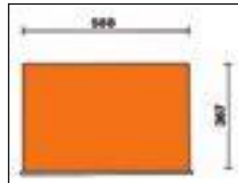


SOFT BUMPERS

- Drawers with ball bearing slides
- Sturdy multi-purpose worktop
- Quick release system made of aluminium, opening throughout length of drawer
- Tote-trays and holes for accommodating screwdrivers
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1000 kg
- Corner bumpers throughout height of roller cab, to avoid damaging vehicles in garage
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Built-in side bottle and paper holders, adjustable in several positions

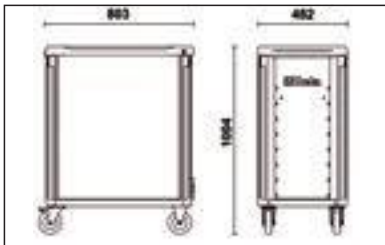
Available models:

- C37/6 (6 drawers)
- C37/7 (7 drawers)
- C37/8 (8 drawers)
- C37A/7 (7 drawers with anti-tilt system)



Available colours:

O	RAL 2011
G	RAL 7016
R	RAL 3000



Available accessories:



C37/7

mobile roller cab with 7 drawers

Main features:

- 7 drawers (588x367 mm) with ball bearing slides:
- 5 drawers 75 mm high
- 1 drawer 150 mm high
- 1 drawer 225 mm high

71 kg

1000 kg



C37/7-O



C37/7-G



C37/7-R



C37/7-O	1	037000071
C37/7-G	1	037000072
C37/7-R	1	037000073

h	max
75 mm	30 kg
150 mm	35 kg
225 mm	35 kg



C37/6

mobile roller cab
with 6 drawers

Main features:

- 6 drawers (588x367 mm) with ball bearing slides:
- 4 drawers 75 mm high
- 1 drawer 150 mm high
- 1 drawer 305 mm high

69 kg

		
C37/6-O	1	037000061
C37/6-G	1	037000062
C37/6-R	1	037000063



h	max
75 mm	30 kg
150 mm	35 kg
305 mm	40 kg





C37/8

mobile roller cab
with 8 drawers

Main features:

- 8 drawers (588x367 mm) with ball bearing slides:
- 6 drawers 75 mm high
- 2 drawers 150 mm high

73 kg

		
C37/8-O	1	037000081
C37/8-G	1	037000082
C37/8-R	1	037000083



h	max
75 mm	30 kg





C37A/7

mobile roller cab
with 7 drawers, with anti-tilt system

Main features:

- 7 drawers (588x367 mm), with ball bearing slides:
- 5 drawers 75 mm high
- 1 drawer 150 mm high
- 1 drawer 225 mm high

71 kg

		
C37A/7-O	1	037000271
C37A/7-G	1	037000272
C37A/7-R	1	037000273



h	max
75 mm	30 kg
150 mm	35 kg
225 mm	35 kg



3700/PLA

stainless steel worktop for mobile roller cab item C37

2,8 kg

3700/PLA 1 037000100



3700/PLL

wood worktop for tool trolley C27

Can accommodate a vice (1599P/100, to be ordered separately)

3,9 kg

3700/PLL 1 037000101



672x396x28 mm

3700/PF

perforated panel with brackets for mobile roller cab item C37

3,2 kg

3700/PF 1 037000102



3700/PFL

perforated side panel for mobile roller cab item C37

1,9 kg

3700/PFL 1 037000104



3700/PC

computer bracket for mobile roller cab item C37

3,1 kg

3700/PC 1 037000103



C38

mobile roller cab
with eleven drawers

Main features:

- Eleven drawers with ball bearing slides:
- 1 drawer 937x410x122 mm
- 3 drawers 570x410x74 mm
- 2 drawers 570x410x153 mm
- 3 drawers 313x410x74 mm
- 2 drawers 313x410x153 mm.
- Drawer bases protected by foamed rubber mats.
- Static load capacity: 1200 kg.
- 4 high-capacity castors: Ø 125 mm:
- 2 fixed and 2 steering (both with lever brake).
- Front centralized lock.
- Sheet metal worktop covered by a rubber mat.
- Can be fitted with paper roll holder item 2499PC and bottle holder item 2499PF.

114 kg



C38-G

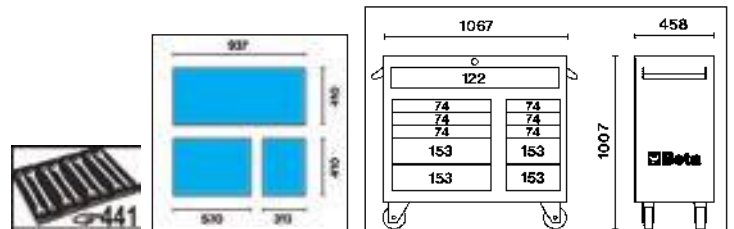


C38-R

C38-O



h	max
74 mm	25 kg
153 mm	30 kg



C38-O	1	038000001
C38-G	1	038000003
C38-R	1	038000002

C38L

side cab with 7 drawers

Main features:

- 7 drawers (410x313 mm), with ball bearing slides:
- 5 drawers, 74 mm high
- 2 drawers, 153 mm high.
- Drawer bases protected by foamed rubber mats.
- Front centralized safety lock.
- Antislip aluminium worktop.
- Can be hooked to both sides of roller cab C38.

45 kg

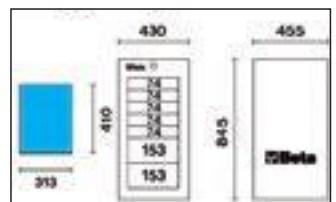


C38L-G



C38L-R

h	max
74 mm	25 kg
153 mm	30 kg



C38L-O	1	038000081
C38L-G	1	038000083
C38L-R	1	038000082

C38LA

side module with door
and interior shelf

Main features:

- Front lock.
- Vertically adjustable interior shelf.
- Document pocket inside door.
- Nonslip aluminium worktop.
- Can be hooked to both sides of mobile roller cab C38.

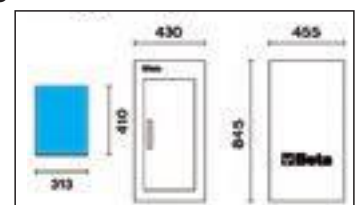
18 kg



C38LA-G



C38LA-R



C38LA O	1	038000071
C38LA G	1	038000073
C38LA R	1	038000072

C38C

mobile roller cab
with thirty three drawers,
comprising:

- 1 mobile roller cab C38
- 2 side cabs C38L
- 1 cab C38T with top chest

268 kg



C38C-O



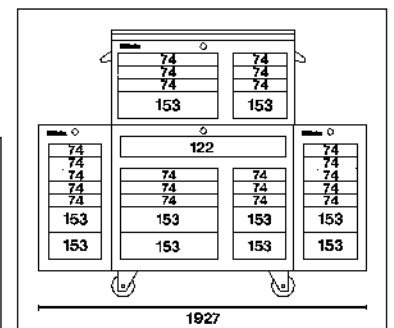
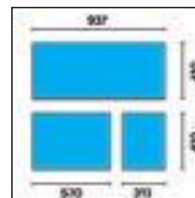
C38C-G



C38C-R



h	max
74 mm	25 kg
153 mm	30 kg



C38C-O	1	038000201
C38C-G	1	038000203
C38C-R	1	038000202

C38T

top cab
with 8 drawers and tool compartment

Main features:

- 8 drawers with ball bearing slides:
3 drawers 570x410x74 mm
1 drawer 570x410x153 mm
3 drawers 313x410x74 mm
1 drawer 313x410x153 mm.
- Tool compartment.
- Drawer bases protected by foamed rubber mats.
- Front centralized safety lock.
- Can be placed on worktop or mobile roller cab C38.

64 kg



C38T-O

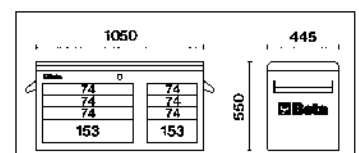
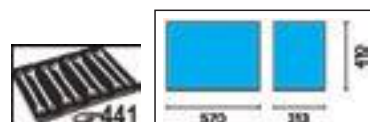


C38T-G



C38T-R

h	max
74 mm	25 kg
153 mm	30 kg



C38T-O	1	038000091
C38T-G	1	038000093
C38T-R	1	038000092

MOBILE ROLLER CAB C39


UPRIGHTS AND DRAWER FRONT MADE OF ALUMINIUM ALLOY + STURDINESS + LIGHTWEIGHTNESS

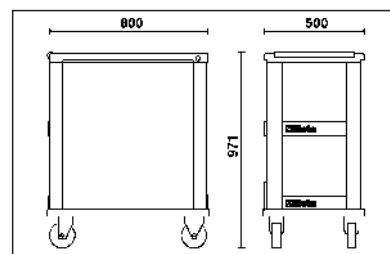
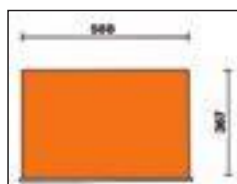
- Drawers with ball bearing slides
- Thermoplastic worktop, designed to support portable tool chest C39T
- Quick release system made of aluminium, opening throughout length of drawer
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1200 kg
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Tote-trays and holes for accommodating screwdrivers
- Integrated side and rear bottle holders
- Integrated paper roll holder

Available models:

- C39/6 (6 drawers)
- C39/7 (7 drawers)
- C39/8 (8 drawers)

Available colours:

	
O	RAL 2011
G	RAL 7016
R	RAL 3000



C39/7

roller cab
with seven drawers

Main features:

- Seven drawers (588x367 mm) with ball bearing slides:
 - 5 drawers, 70 mm high
 - 1 drawer, 140 mm high
 - 1 drawer, 210 mm high.

61 kg

1200 kg



C39-7/G



C39-7/R

C39-7/O

h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg



Model	Qty	Part No.
C39-7/O	1	039000001
C39-7/G	1	039000002
C39-7/R	1	039000003

C39/6

mobile roller cab with six drawers

Main features:

- Six drawers (588x367 mm) with ball bearing slides:
 - 4 drawers, 70 mm high
 - 1 drawer, 140 mm high
 - 1 drawer, 280 mm high

59 kg

C39-6/O	1	039000031
C39-6/G	1	039000032
C39-6/R	1	039000033



C39-6/O



C39-6/G



C39-6/R



h	max
70 mm	30 kg
140 mm	35 kg
280 mm	40 kg



C39/8

mobile roller cab with eight drawers

Main features:

- Eight drawers (588x367 mm) with ball bearing slides:
 - 6 drawers, 70 mm high
 - 2 drawers, 140 mm high

64 kg

C39-8/O	1	039000041
C39-8/G	1	039000042
C39-8/R	1	039000043



C39-8/O



C39-8/G



C39-8/R



h	max
70 mm	30 kg



C39T

portable tool chest with four drawers

Main features:

- Four drawers (588x367 mm) with ball bearing slides:
 - 4 drawers, 70 mm high
- Front centralized safety lock.
- Uprights and drawer front made of aluminium.

29 kg

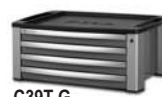
C39T-O	1	039000101
C39T-G	1	039000102
C39T-R	1	039000103



C39T-O



C39T-R

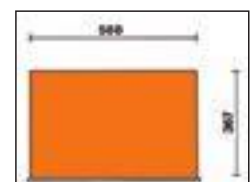
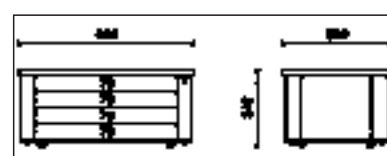


C39T-G



29 kg

h	max
70 mm	30 kg



2400-COVER RSC24

nylon cover for mobile roller cabs RSC24 - C39

2400-COVER RSC24

1 024000910



2400-COVER RSC24AXL

nylon cover for mobile roller cabs RSC24AXL, RSC24L, RSC24L-CAB

2400-COVER RSC24AXL

1 024000930



3700-COVER C37

Nylon cover for mobile roller cab item C37

3700-COVER C37

1 037000930



C39SM

special mobile roller cab, Racing SM type

Specifications

- Multi-ply wood worktop
- 4 castors, Ø 125 mm
- 2 fixed and 2 steering (one with brake), with exposed covering
- Static load capacity: 1200 kg

7-drawer module

588x367 mm, with ball bearing slides:

- 6 drawers, 70 mm high
- 1 drawer, 240 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Opening system throughout length of drawer
- Drawer front made of aluminium

Service module

- Integrated wastepaper basket
- Paper roll compartment
- 1 large drawer (420x305x270 mm)

125 kg

C39SM-O	RAL 2011	1	039390001
C39SM-G	RAL 7016	1	039390002
C39SM-R	RAL 3000	1	039390003

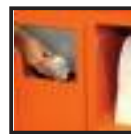
1200 kg



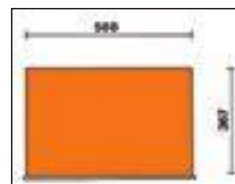
C39SM-G

C39SM-R

C39SM-O



h	max
70 mm	30 kg
240 mm	40 kg



C39MD

special mobile roller cab, Racing MD type

Specifications

- Multi-ply wood worktop
- 4 castors, Ø 125 mm
- 2 fixed and 2 steering (one with brake), with exposed covering
- Static load capacity: 1200 kg

7-drawer module

588x367 mm, with ball bearing slides:

- 6 drawers, 70 mm high
- 1 drawer, 240 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Opening system throughout length of drawer
- Drawer front made of aluminium

2-drawer module

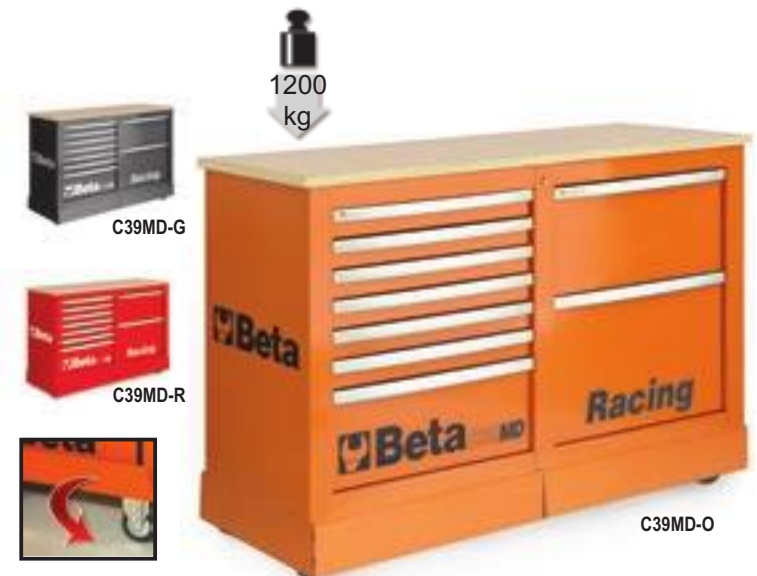
588x367x270 mm and 588x367x380 mm, with ball bearing slides

- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Opening system throughout length of drawers
- Drawer front made of aluminium

123 kg

C39MD-O	RAL 2011	1	039390101
C39MD-G	RAL 7016	1	039390102
C39MD-R	RAL 3000	1	039390103

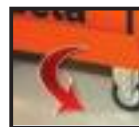
1200 kg



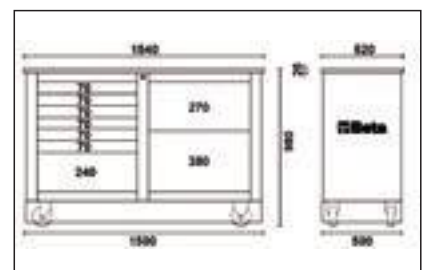
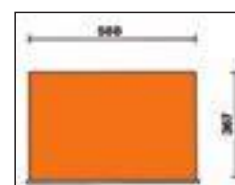
C39MD-G

C39MD-R

C39MD-O



h	max
70 mm	30 kg
240 mm	40 kg



C41S

two-module tool trolley

Main features:

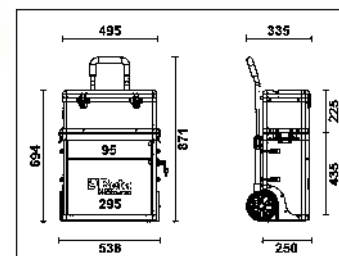
- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 2 detachable modules:
 - 1 upper tool box,
 - 1 module with 2 drawers, 95 mm and 295 mm high respectively.
- Oversized castors (160 mm), built into frame for easy transport - for example, on steps.
- Side centralized lock
- for closing drawers of lower module.
- Drawers with ball bearing slides and double closing hook.
- Telescopic aluminium handle.
- Small tool holder built into upper tool box.
- Lower drawer with double ballbearing slide

Recommended assortments: 5940/SBK and 5915VU/5

16 kg

C41S

1 041000001



C41H

two-module tool trolley

Main features:

- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 2 detachable modules:
 - 1 upper tool box,
 - 1 module with 2 drawers 95 mm in height,
 - 1 pull-out case made of plastic, 66 mm high, and 1 drawer 295 mm in height.
- Oversized castors (160 mm), built into frame for easy transport - for example, on steps.
- Side centralized lock for closing drawers of lower module.
- Drawers with ball bearing slides and double closing hook.
- Telescopic aluminium handle.
- Small tool holder built into upper tool box.
- Lower drawer with double ballbearing slide

Recommended assortments: 5941VU/M, 5940/SBK and 5915VU/5

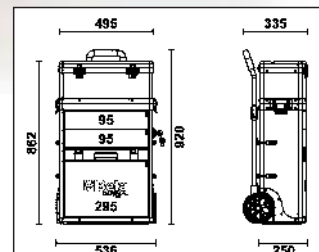
* Colours available on request

21 kg

C41H-O	RAL 2011	1	041000002
C41H-N	RAL 9005	1	041000005
C41H-B	RAL 5002	1	041000006
C41H-R	RAL 3000	1	041000008
C41H-G	RAL 7016	1	041000010
C41H-Y	RAL 1023	1	041000012
C41H-W	RAL 9016	1	041000021
C41H-V	RAL 6016	1	041000024



C41H-O



C41H/CE

tool chest
with removable partitions for small tools,
made from plastic material

1,3 kg

C41H/CE

1 041000916



C42H

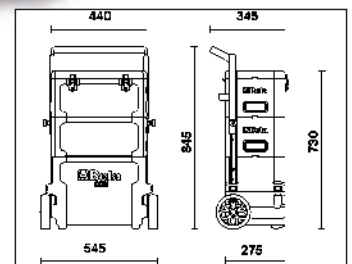
three-module tool trolley

Main features:

- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 3 detachable modules:
 - 1 upper tool box, 220 mm high
 - 1 central tool module, 180 mm high.
 - 1 lower tool module with castors, 330 mm high.
- Oversized castors (ø 160 mm).
- Telescopic handle, can be adjusted in 3 positions
- Quick module release system: easy, quick access to all tool compartments.
- Upper tool box with interior object compartment and 3 tool trays built into cover.
- Can be used with 2 modules.

Recommended assortments: 5940/SBK and 5915VU/5

14 kg



C42H

1 042000002

 **Beta**

CX49-G

multi-purpose trolley

can be used as a mobile workstation for diagnostic tools, laptops, testers and battery chargers.

Specifications:

- Painted sheet metal frame: unparalleled firmness and sturdiness
- Ergonomic handle
- 2-level top
- Pull-out drawer for housing a mini keyboard
- 2 central shelves with adjustable position and 1 fixed low shelf
- 4 useful side cable reels made of plastic - 2 useful side containers
- 2 fixed rear castors Ø 160 mm
- 2 steering front castors Ø 100 mm (one with brake)
- Weight: 43 kg

CX49



1



049000102

1000 mm
480 mm
435 mm



CA49-G

multi-purpose trolley with door

can be used as a mobile workstation for diagnostic tools, laptops, testers and battery chargers.

Specifications:

- Painted sheet metal frame: unparalleled firmness and sturdiness
- Ergonomic handle
- 2-level top
- Pull-out drawer for housing a mini keyboard
- 1 shelf with adjustable position, 1 fixed shelf and door
- 4 useful side cable reels made of plastic
- 2 useful side containers
- 2 fixed rear castors Ø 160 mm
- 2 steering front castors Ø 100 mm (one with frame)
- Weight: 36.5 kg

CA49 G



1



049000112



1000 mm
480 mm
435 mm

4900-COVER C49

nylon cover for multi-purpose tool trolley item C49

4900-COVER C49



1



049000930



C48M

electric platform cart, with panels

Compact dimensions and versatile use make the C48M platform cart the ideal solution for handling heavy loads (boxes, containers, bulky objects, parts of equipment) in the power-assisted mode in complete safety, including in hardly accessible areas and in work environments which cannot be accessed via conventional forklift trucks. This results in significantly reduced hazards for operators - e.g. musculoskeletal disorders caused by manual handling of loads.

Motorized platform, with 24V - 400W motor with 2x12V 33Ah battery supply and Curtis control card.

Loading floor made from sturdy steel, coated with non-slip rubber, with round tubular panels preventing objects from falling during transport.

The panels can be removed, to cater to individual transportation requirements.

The control console is equipped with the following:

- ignition key
- speed adjusting knob
- side butterfly handles for traction control
- intermittent beep, which is activated when moving in reverse
- battery charge indicator
- electric brake cut-out button
- emergency mushroom head button.

Fitted with 2 pneumatic traction wheels (Ø 260 mm) and 2 swivelling rubber wheels (Ø 150mm), electromagnetic brake and differential gear.

Supplied with an external battery charger, 220V/50Hz - V/A 24/12

FUNCTIONAL SPECIFICATIONS

Carrying capacity: 400 kg

Driving speed: 4-6 km/h (adjustable)

Battery life: 4 hours

Maximum permitted slope with a full load: 6%

Maximum permitted slope with 100 kg load: 18%

Safety devices:

Electronic brake

Buzzer

Anti-crushing guard

Battery charge indicator

Curtis control cart

TECHNICAL SPECIFICATIONS

Overall dimensions: 1280x630x1100h mm

Useful dimensions of loading platform with panels: 1150x570 mm

Useful dimensions of loading platform without panels: 1260x620 mm

Height of loading platform from floor: 320 mm

Height of battery compartment from floor: 65 mm

Weight with batteries: 140 kg

Beta
BRUTUS

400
kg

CE



1100
630
1280

140 kg



C48M



1 048000230

C48P

folding tool trolley

Main features:

- Loading platform made of reinforced polypropylene (PP), with non-slip coating and TPV inserts for corner protection
- Retractable handle for quick, compact storage
- Four non-marking castors, Ø 125 mm: 2 fixed and 2 steering with brakes
- Maximum capacity: 300 kg.
- Loading platform working width: 705 mm
- Loading platform depth: 480 mm
- Loading platform height: 200 mm



300
kg



11 kg

C48P



1 048000030

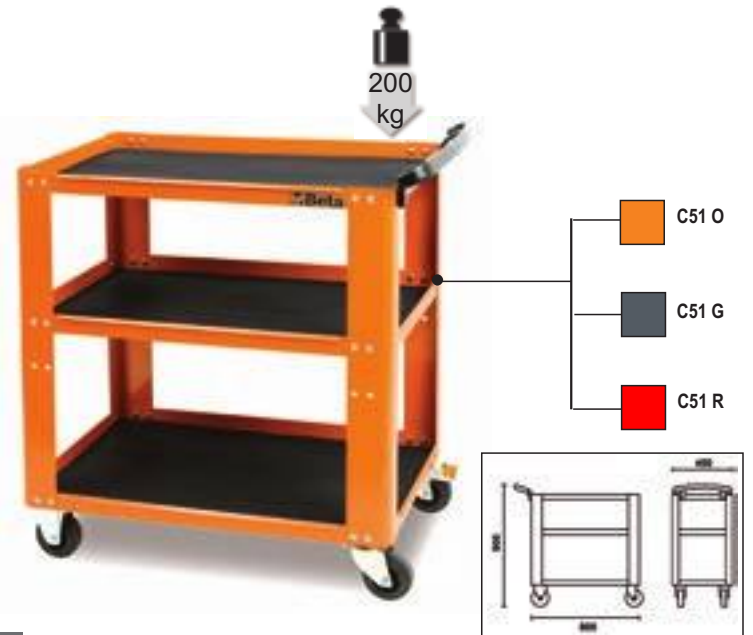
C51

trolley

- 3 tops covered in antislip ribbed rubber
- Ergonomic handle
- Two fixing options for central worktop
- Four castors Ø 100 mm:
2 fixed and 2 steering (1 with brake)
- Static load capacity: 200 kg (distributed between 3 shelves)

📦 21 kg

C51 O	RAL 2011	1	051000001
C51 G	RAL 7016	1	051000002
C51 R	RAL 3000	1	051000003



RSC51

service tool trolley with 3 drawers

Main features:

- ABS reinforced worktop, solid and sturdy
- Multipurpose top with anti-fall edges and 8 holes for accommodating screwdrivers
- 3 drawers (588x367 mm) with ball bearing slides, 70 mm high
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized safety lock
- Convenient side screwdriver holder included
- Two built-in side spray can holders
- Large lower shelf protected by an anti-oil and anti-petrol rubber mat
- 4 castors, Ø 125 mm: 2 fixed castors and 2 swivel castors (one with brake)

- Static load capacity: 400 kg
- Capacity of each drawer: 15 kg, evenly distributed

Following accessories can be added:

- Wood worktop 2400 RSC24/PL
- Perforated tool panel 2400 RSC24/PF
- PC support 2400 RSC24/SPC
- Folding shelf 2400 RSC24/MP
- Paper roll holder 2400 RSC24/PC-A

📦 38 kg

RSC51-FO	RAL 2011	1	051000300
RSC51-R	RAL 3000	1	051000303
RSC51-A	RAL 7016	1	051000307



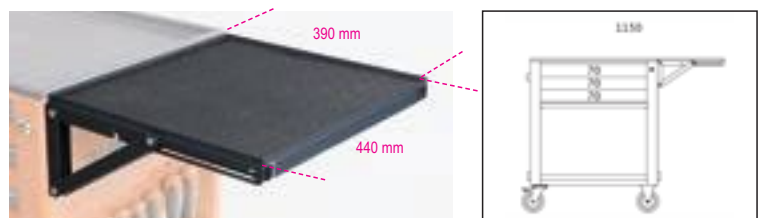
2400 RSC24/MP

folding shelf for items RSC24 - RSC24A - RSC51

- For use as additional worktop
- Worktop dimensions: 390x440 mm, protected by an anti-oil and anti-petrol rubber mat
- Load capacity: 20 kg

📦 3,4 kg

2400 RSC24/MP		1	024004900
---------------	--	---	-----------

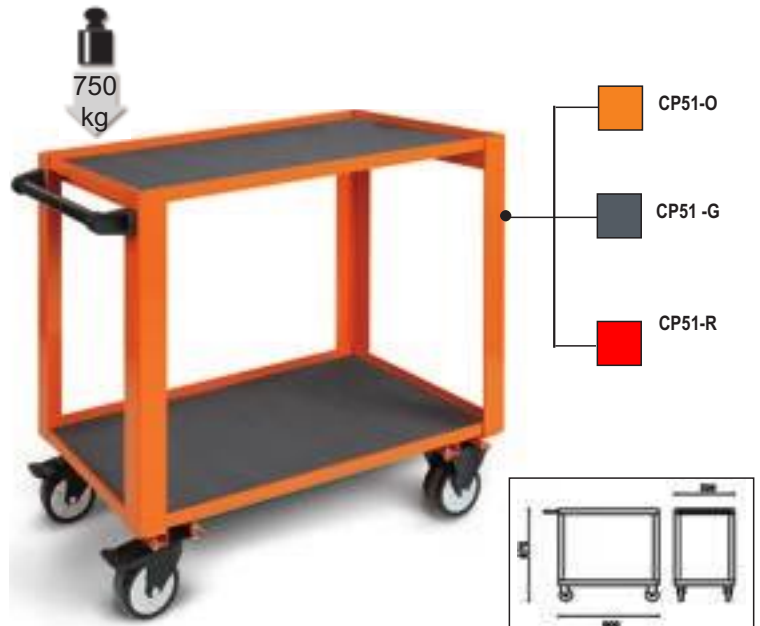


CP51

high-grade trolley

- 2 tops covered with rubber mats
- Ergonomic handle
- Four high-grade castors Ø 125 mm:
2 fixed and 2 steering with brake
- Static load capacity: 750 kg (shared by 2 tops)

📦 37 kg



CP51 O	RAL 2011	1	051000501
CP51 G	RAL 7016	1	051000502
CP51 R	RAL 3000	1	051000503

CB52

gearbox/transmission trolley with liquid recovery system

Inclined plane and drain holes
allow liquids to be recovered in collection tank

Fitted with:

- 4 swivel castors, including 2 with brakes
- Tool drawer
- Pull-out liquid collection tank; capacity: 7 l
- 2 shelves

Features:

- Dimensions: 1200x640x870 mm
- Weight: 60 kg

📦 60 kg



CB52		1	052000201
------	--	---	-----------

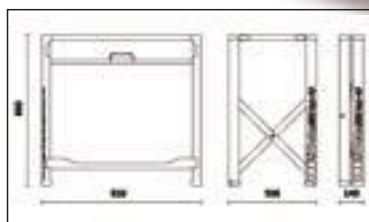


C56P O

folding workbench

Compact and easy to carry.
Worktop (800x500mm, 30 mm thick) made of MDF and galvanized sheet iron, for use on both sides.
Handle with rubber cover, for easy transportation.
Feet with nonslip cover.
Static load capacity: 250 kg

📦 25 kg



C56P O

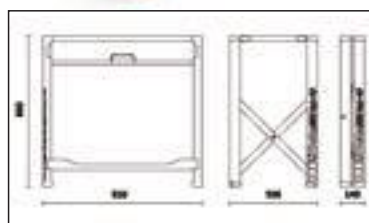
📦 1 056000011

C56PL O

folding workbench, Light version

Lightweight, compact, easy to carry.
Worktop (800x500mm) made galvanized sheet iron, for use on one side, protected by an anti-oil and anti-petrol rubber cover.
Handle with rubber cover, for easy transportation.
Feet with nonslip cover.
Static load capacity: 200 kg

📦 18,5 kg



C56PL O

📦 1 056000021

C54S

Cargo tool cabinets

These tool cabinets are designed according to detailed research and offer accurate, comfortable and rational solutions for end users.

Two perforated panels attached to the doors may be opened giving access to additional storage space.

Main features:

- 1 drawer, with slides.
- Easy tool layout according to users' needs.
- Easy wall mounting by means of two slots located at the back of the cabinet .
- Safety lock for both drawers and doors.
- Empty thermoformed tray for 1/2" sockets and accessories

37 kg



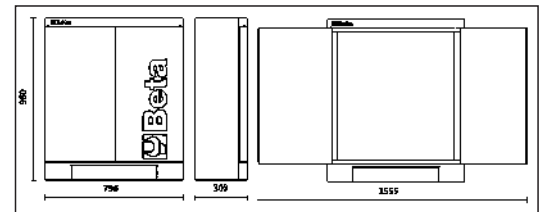
C54S-G



C54S-R



C54S-O



C54S-O	RAL 2011	1	054000301
C54S-G	RAL 7016	1	054000302
C54S-R	RAL 3000	1	054000303

Beta

C57SA

MasterCargo workbench

- Model with tool storage board (C57P) and one drawer cabinet.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides.

Can accommodate thermoformed trays. Centralized lock.

Panel tool holder with holes on back for wall mounting. Vertically operated aluminium shutter, with lock. Three removable perforated panels for supporting tools.

Multi-ply worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.

1800 kg



C57S/A-O



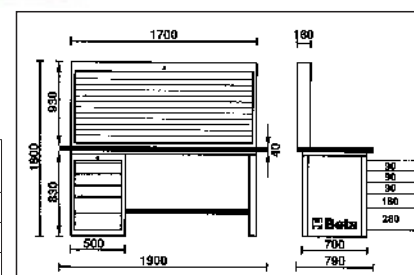
C57S/A-G



C57S/A-R



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



Model	RAL	Weight	Code
C57S/A-O	RAL 2011	1	057001005
C57S/A-G	RAL 7016	1	057001205
C57S/A-R	RAL 3000	1	057001405

C57SD

MasterCargo workbench

- Model with one drawer cabinet

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides.

Can accommodate thermoformed trays. Centralized lock.

Multi-ply worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.

1800 kg



C57S/D-O



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57S/D-G



C57S/D-R

Model	RAL	Weight	Code
C57S/D-O	RAL 2011	1	057001004
C57S/D-G	RAL 7016	1	057001204
C57S/D-R	RAL 3000	1	057001404

C57SB

MasterCargo workbench

- Model with tool storage board (C57P) and two drawer cabinets.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high, 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays. Centralized lock.

Panel tool holder with holes on back for wall mounting. Vertically operated aluminium shutter, with lock. Three removable perforated panels for supporting tools.

Multi-ply wood worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.



C57S/B-O

243 kg



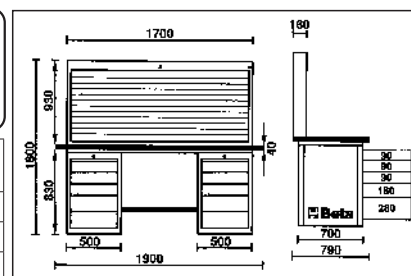
C57S/B-G



C57S/B-R



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57S/B-O	RAL 2011	1	057001006
C57S/B-G	RAL 7016	1	057001206
C57S/B-R	RAL 3000	1	057001406

C57SC

MasterCargo workbench

- Model with two drawer cabinets.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high, 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays. Centralized lock.

Multi-ply wood worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.



C57S/C-O



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57S/C-G



C57S/C-R

196 kg

C57S/C-O	RAL 2011	1	057001003
C57S/C-G	RAL 7016	1	057001203
C57S/C-R	RAL 3000	1	057001403

C57SP

panel tool holder

Panel tool holder with two holes on back for wall mounting.
Aluminium shutter, vertically adjustable, with lock.
Three removable perforated panels for tool holding.

46 kg

C57SP-O	RAL 2011	1	057001020
C57SP-G	RAL 7016	1	057001220
C57SP-R	RAL 3000	1	057001420



C57SP O

1700 mm

930 mm



C57SP G



C57SP R

5700LAMP

MasterCargo workbench lamp

- Sturdy sheet metal frame comprising four elements; provided with screws for assembling the lamp.
- Lamp holder with 1120-Lumen LED strip, 4000K, 14W.
- Power supply 230V.
- Provided without wire.

9 kg

5700LAMP		1	057000005
----------	--	---	-----------



5700LAMP + C57S/A-O

C58P

panel tool holder

- Security locked shutter made of painted aluminium.
- Two removable perforated panels for tool holding.

46,8 kg

C58P-O	RAL 2011	1	058000221
C58P-G	RAL 7016	1	058000222
C58P-R	RAL 3000	1	058000223



C58P-G



C58P-R



C58P-O

1360 mm

930 mm



PV

wall tool panel

	LxA mm		
PV1	1000x920	10,2	088880010
PV1,5	1500x920	14,2	088880015



C56W

workbench with wood top

- Multi-ply wood worktop with holes for a vice (1599F/125, to be ordered separately).
- Steel frame with 6 supporting legs
- Static load capacity: 1,200 kg
- Matches panel tool holder C57P; cannot be fixed to worktop.
- Two drawers with locks.
- Can be fixed to floor.

86 kg

C56W-O	RAL 2011	1	056000251
C56W-G	RAL 7016	1	056000252
C56W-R	RAL 3000	1	056000253



C56B

workbench with wood top

Main features:

- Multi-ply wood worktop with holes for a vice (1599F/125, to be ordered separately).
- Steel frame with 4 supporting legs.
- Static load capacity: 800 kg.
- Lower object shelf.
- Can be fixed to floor.

54,5 kg

C56B-O	RAL 2011	1	056000401
C56B-G	RAL 7016	1	056000402
C56B-R	RAL 3000	1	056000403



C56

workbench

- Worktop made of painted sheet metal with external edge
- Steel frame with 6 supporting legs
- Static load capacity: 1200 kg
- Matches panel toolholder C57P; cannot be fixed to worktop
- Two drawers with lock
- Can be fixed to floor

82 kg

C56-O	RAL 2011	1	056000201
C56-G	RAL 7016	1	056000202
C56-R	RAL 3000	1	056000203



C56M

workbench

- Worktop made from both slip-proof aluminium sheet and rubber mat.
- Load capacity: kg.800.
- Can match panel toolholder C57P.
- Three drawers with lock.
- Can be fixed to the floor.



📦 95 kg

C56M O	RAL 2011	1	056000050
C56M G	RAL 7016	1	056000053
C56M R	RAL 3000	1	056000054

C58B

workbench with wood top

Main features:

- Multi-ply wood worktop with holes for a vice (1599F/125, to be ordered separately).
- Steel frame with 4 supporting legs.
- Static load capacity: 800 kg.
- Lower object shelf.
- Can be fixed to floor.

📦 44 kg

C58B-O	RAL 2011	1	058000401
C58B-G	RAL 7016	1	058000402
C58B-R	RAL 3000	1	058000403



C58M

workbench

- Metal worktop fully covered with a removable antislip rubber mat.
- Lower shelf made from solid wood.
- Static load capacity: 800 kg.
- Matches panel tool holder C58P; cannot be fixed to worktop.
- 2 drawers with locks.
- Can be fixed to floor.
- Aluminium worktop C58M/PA available on request.

📦 65 kg

C58M-O	RAL 2011	1	058000300
C58M-G	RAL 7016	1	058000302
C58M-R	RAL 3000	1	058000303



C58M/PA

knurled aluminium worktop
for workbench item C58M

4,5 kg



C58M/PA



1



058000350

C59A

"Endurance" workbench with 1 cab with six drawers

Main features:

- Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
- 6 drawers (588x367 mm) with ball bearing slides:
4 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 280 mm high.
- Drawers protected by foamed rubber mats.
- Hard-wearing nylon drawer front.
- Roller cabs can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roll holder (2400 RSC24/PC) and bottle holder (2400 RSC24/PF-), to be ordered separately.

115 kg



C59A O



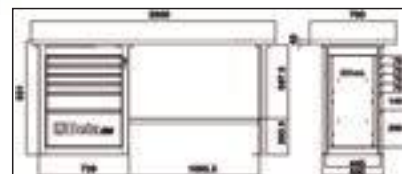
C59A A

1500
kg



C59A R

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



C59A-O	RAL 2011	1	059000011
C59A-A	RAL 7016	1	059000031
C59A-R	RAL 3000	1	059000051



C59B

"Endurance" workbench with 2 cabs with six drawers

Main features:

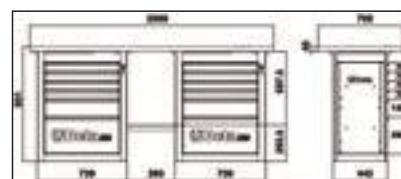
- Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
- 12 drawers (588x367 mm) with ball bearing slides:
 - 8 drawers, 70 mm high
 - 2 drawers, 140 mm high
 - 2 drawers, 280 mm high.
- Drawers protected by foamed rubber mats.
- Can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roll holder (2400 RSC24/PC) and bottle holder (2400 RSC24/PF-), to be ordered separately.

155 kg

Model	RAL	Qty	Code
C59B-O	RAL 2011	1	059000012
C59B-R	RAL 3000	1	059000052
C59B-A	RAL 7016	1	059000032



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



C59C

"Endurance" workbench with 1 cab with six drawers, short model

Main features:

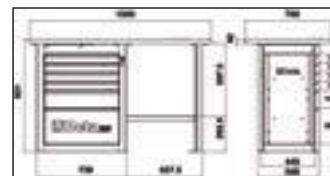
- Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
- 6 drawers (588x367 mm) with ball bearing slides:
 - 4 drawers, 70 mm high
 - 1 drawer, 140 mm high
 - 1 drawer, 280 mm high.
- Drawers protected by foamed rubber mats.
- Can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roller holder (2400 RSC24/PC) and bottle holder (2400 RSC24/PF-), to be ordered separately.

105 kg

Model	RAL	Qty	Code
C59C-O	RAL 2011	1	059000013
C59C-R	RAL 3000	1	059000053
C59C-A	RAL 7016	1	059000033



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

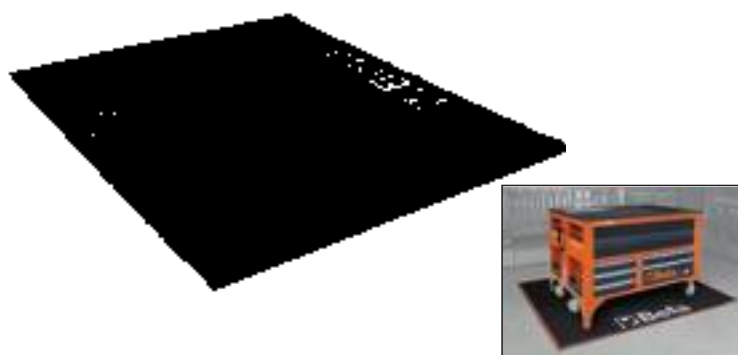


9562T2

workbench mat, 200x160 cm

- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom

Model	L cm	Qty	Code
9562T2	200	1	095620200





WORKSHOP EQUIPMENT



To answer the requirements of a market where the emphasis is increasingly on quality, design and customization, Beta Utensili has developed "Racing System C55", modular garage furniture shaped on your needs, while allowing you to create a modern work environment.

Quality

Beta's best Italian-made quality to furnish your garage

Organization

A sensibly organized workstation, synonymous with optimized work



Modularity

Modular garage fitting your spaces and requirements

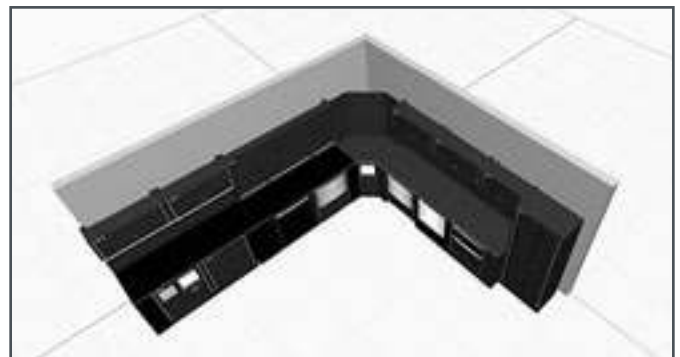
Design

Refined, captivating finishes for a tidy, attractive workstation





MADE IN ITALY



Configure your workshop online
Go to **www.rsc55.com**



Your colours for your workshop!

RSC55 allows you to order the benches and tool wall system with shutter in a neutral (grey) version and customize the vertical coloured inserts by choosing from 7 different adhesive tapes.

1. Order the vertical insert in a neutral colour

2. Order the vertical insert

Choose the colour to your taste or according to your company's colours

C55

comprehensive workshop equipment combination RSC55



Comprehensive combination comprising:

- Single-door tool cabinet (C55A1)
- Two-door tool cabinet (C55A2)
- Workbench (C55BO/2)
- Workbench with sockets (C55PRO BO/2)
- Mobile roller cab with 7 drawers (C55C7)
- Fixed module with 2 storage drawers (C55M2)
- Fixed module with 7 drawers (C55M7)
- Fixed service module (C55MS)
- Tool panel with suspended cabinets (C55/2PM)
- Tool panel with shutter (C55PS-O)

C55AB

workshop equipment combination

Combination comprising:

- Two-door tool cabinet (C55A2)
- Workbench (C55BO/2)
- Fixed module with 7 drawers (C55M7)
- Fixed service module (C55MS)
- Tool panel with suspended cabinets (C55/2PM)

407 kg



C55AB

1 055000020



C55PB/3

workshop equipment combination

Combination comprising:

- Workbench (C55BO/2)
- Roller cab module with 8 drawers (C55C8)
- Fixed module with 2 storage drawers (C55M2)
- Wall tool system with shutter (C55PS-O)

334 kg



C55PB/3

1 055000035



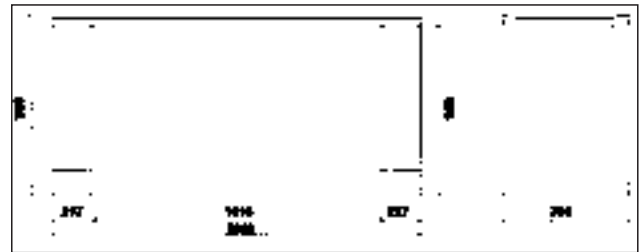
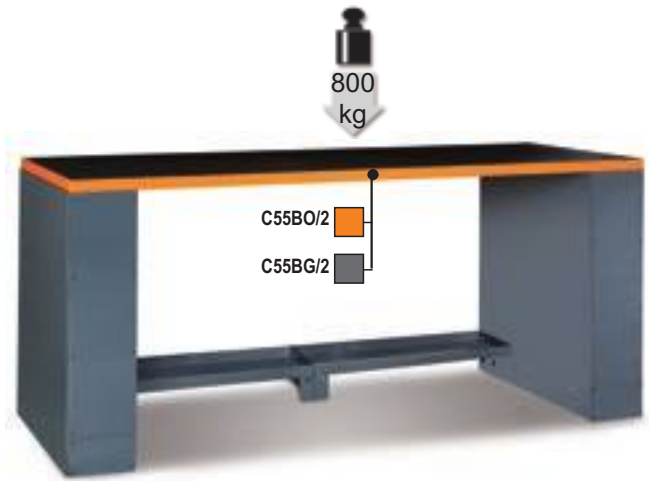
C55B/2

2-m-long workbench, for workshop equipment combination

With worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

105 kg



C55BO/2	1	055000101
C55BG/2	1	055000111

C55PRO B/2

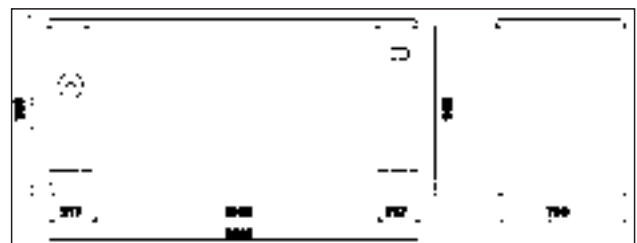
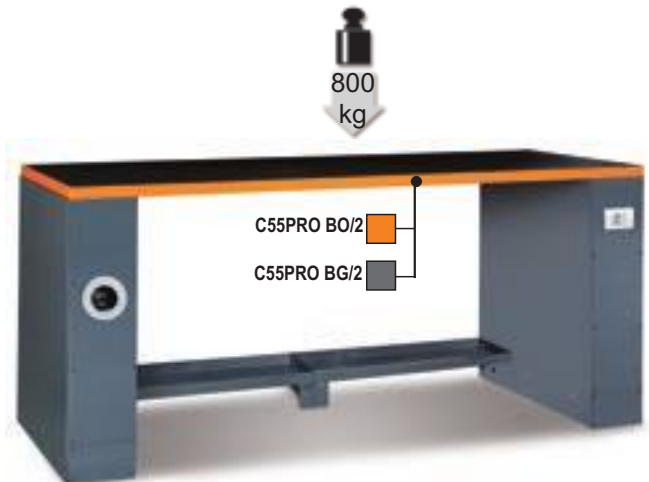
2-m-long workbench, for workshop equipment combination

With worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and hose reel:

- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, hose length: 10 m.
- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

110 kg



C55PRO BO/2	1	055000151
C55PRO BG/2	1	055000171

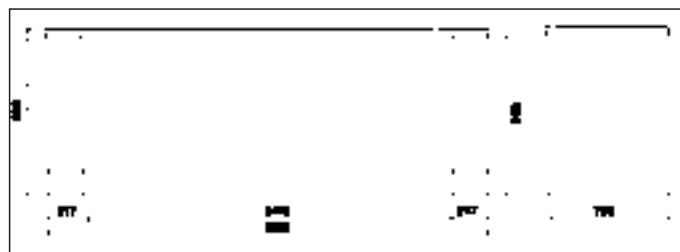
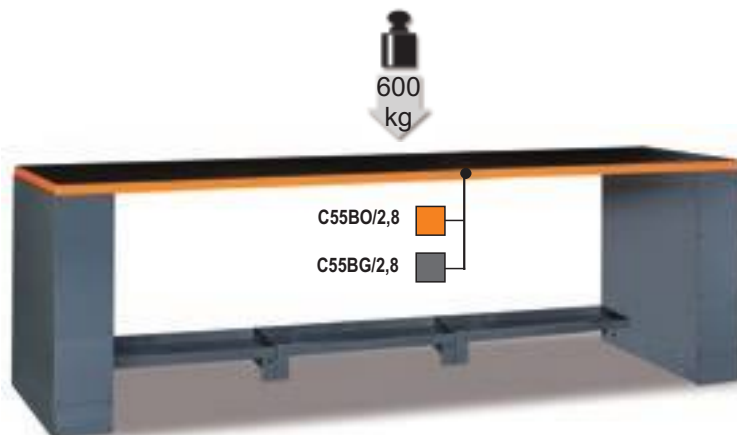
C55B/2,8

2.8-m-long workbench, for workshop equipment combination

Worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

129 kg



C55BO/2,8	1	055000261
C55BG/2,8	1	055000281

C55PRO B/2,8

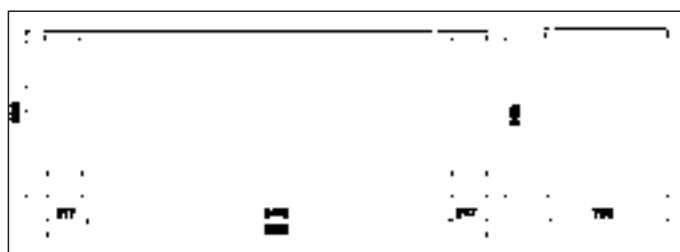
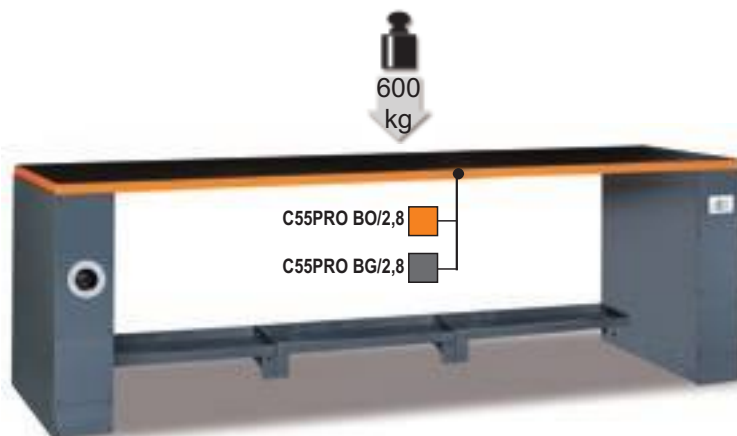
2.8-m-long workbench, for workshop equipment combination

With worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and hose reel:

- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, hose length: 10 m.
- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

134 kg



C55PRO BO/2,8	1	055000271
C55PRO BG/2,8	1	055000283

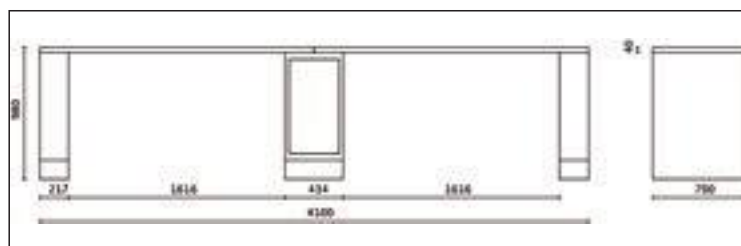
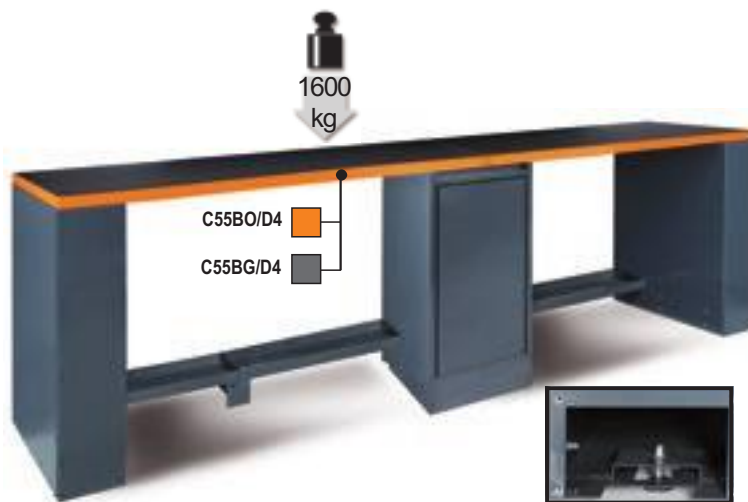
C55B-D4

double 4-m-long workbench with central leg

Worktop (4100x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice 1599F/150 (to be ordered separately)
- Vertically adjustable feet
- Double central leg with compartment and slide-away door, 350x750 mm

185 kg



C55BO-D4	1	055000109
C55BG-D4	1	055000119

C55PRO B-D4

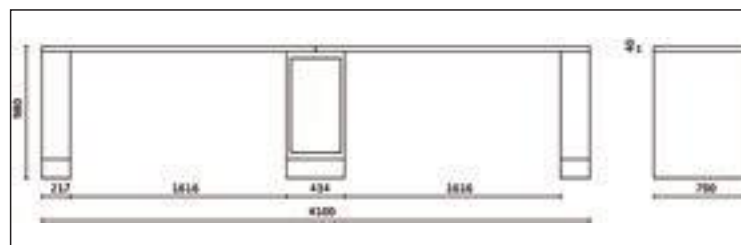
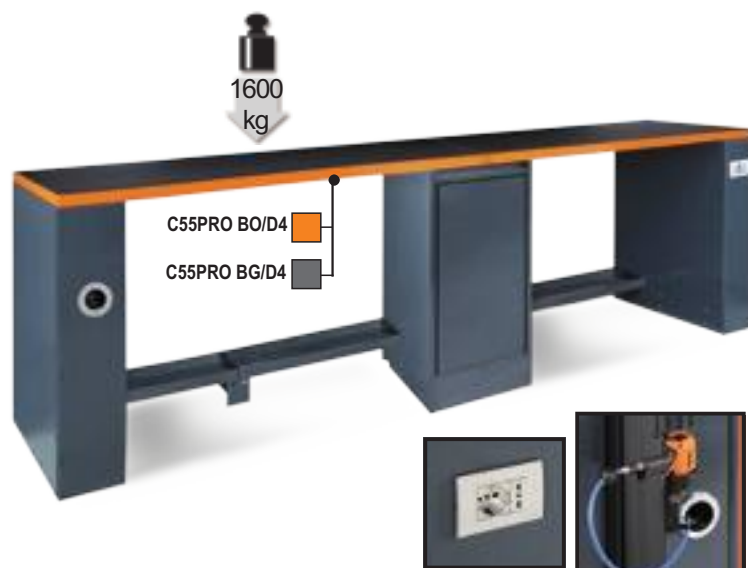
double 4-m long workbench with central leg

With worktop (4100x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and cable reel:

- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, cable length: 10 m.
- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet
- Double central leg with tool compartment and door, 365x750 mm

190 kg



C55PRO-BO-D4	1	055000159
C55PRO-BG-D4	1	055000179

Beta

C55B/G

universal leg for workshop equipment workbench

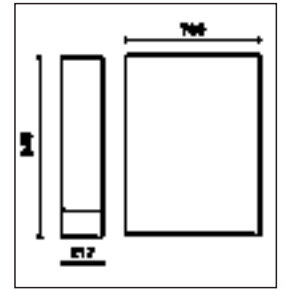
- With vertically adjustable feet

30 kg

C55B/G



055000096



C55B/GAA

universal leg for workbench with built-in hose reel

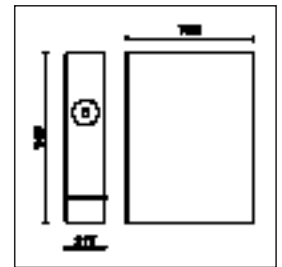
- Built-in automatic hose reel for compressed air or cold water, Ø 8 mm
- Hose length: 10 m
- With vertically adjustable feet
- Front and side access

35 kg

C55B/GAA



055000099



C55B/GDP

double leg for adjoining workshop equipment workbenches

- Paper roll holder compartment
- Compartment with door
- With vertically adjustable feet

45 kg

C55B/GDP



055000292



C55B/GDS

double leg for adjoining workshop equipment workbenches

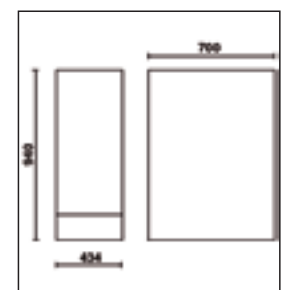
- Compartment with slide-away door, 365x750 mm
- With vertically adjustable feet

45 kg

C55B/GDS



055000291



C55B/GE

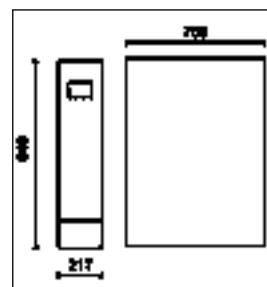
universal leg with power sockets for workshop equipment workbench

- Schuko socket+16+10A
- EU Plug +10A
- With vertically adjustable feet

30 kg

C55B/GE

1 055000097



C55B/GAE

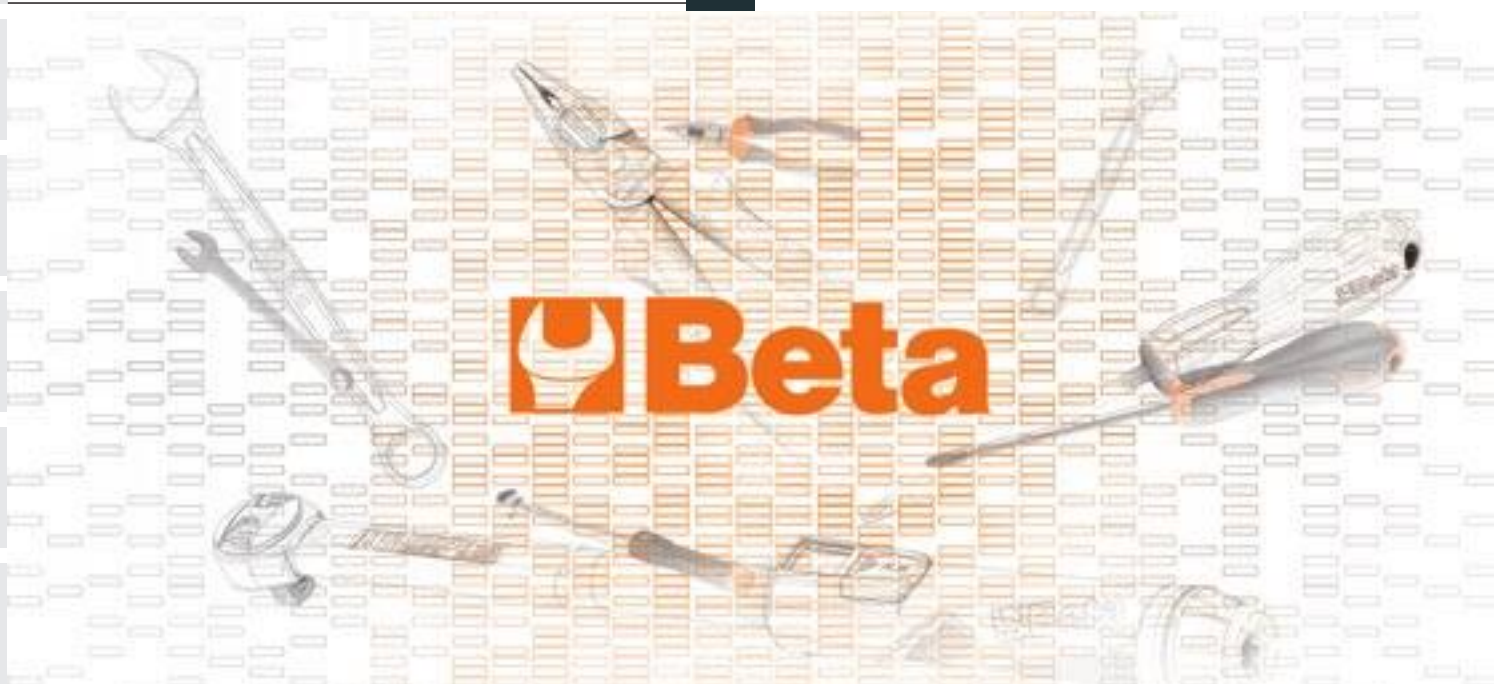
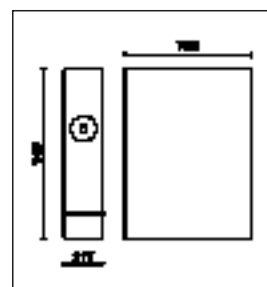
universal leg with built-in electrical cable reel for workbench, for workshop equipment combination

- Built-in automatic cable reel with Schuko type socket.
- Cable length: 15 m
- With thermal protection switch
- With vertically adjustable feet
- Front and side access

35 kg

C55B/GAE

1 055000094



C55/PL-1,024

1-m-long worktop for workbench extension

Painted sheet metal worktop (1024x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

21 kg

C55/PLO-1,024	1	055000130
C55/PLG-1,024	1	055000131



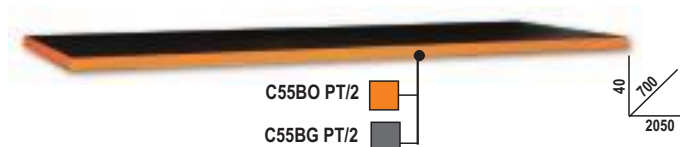
C55B PT/2

2-m-long worktop for workbench, for workshop equipment combination

Painted sheet metal worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
Holes for a vice (1599P/150, to be ordered separately)

43 kg

C55B PT/2	1	055000106
C55BG PT/2	1	055000116



C55B PT/2,8

2.8-m-long worktop for workbench, for workshop equipment combination

Painted sheet metal worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
Holes for a vice (1599P/150, to be ordered separately)

61 kg

C55BO PT/2,8	1	055000266
C55BG PT/2,8	1	055000286



C55RB

shockproof, non-scratch PVC coat, resistant to hydrocarbons

For protecting worktop.

C55RB/2: for 2-m-long worktop

C55RB/2.8: for 2.8-m-long worktop

C55RB/0.7: for 700x700mm worktop

C55RB/1: for 1-m-long worktop



C55RB/2	1	055000195
C55RB/2,8	1	055000196
C55RB/0,7	1	055000199
C55RB/1	1	055000198

C55B/VS

lower workbench bracket, 0.8 m long

Dimensions: 800x230x60 mm

4 kg

C55B/VS	1	055000095
---------	---	-----------



C55C7

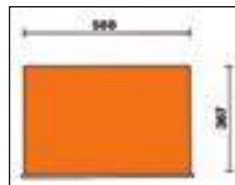
mobile roller cab with seven drawers, for workshop equipment combination

7 drawers (588x367 mm), with ball bearing slides

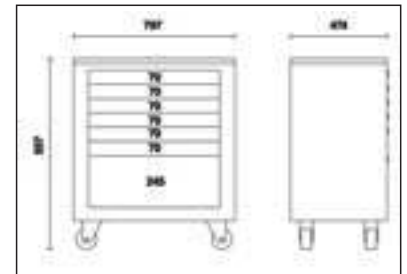
- 4 castors Ø 100 mm, 2 fixed (one with brake) and 2 steering
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

79 kg

1000
kg



h	max
70 mm	30 kg
245 mm	40 kg



C55C7

1 055000201

Beta

C55C8

roller cab module with eight drawers, for workshop equipment combination

- 8 drawers (588x367 mm) with ball bearing slides
- 4 castors Ø 100 mm, 2 fixed (one with brake) and 2 steering
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

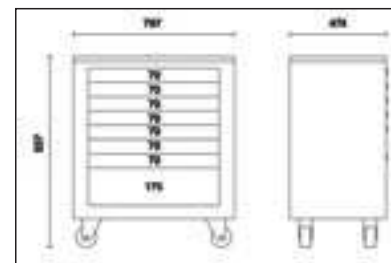
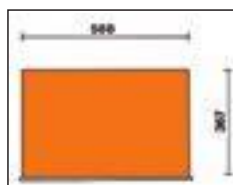
81 kg



1000 kg



h	max
70 mm	30 kg
175 mm	40 kg



C55C8

1 055000206

C55M2

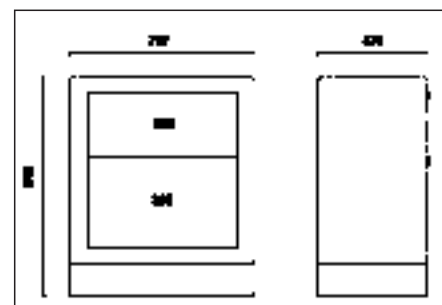
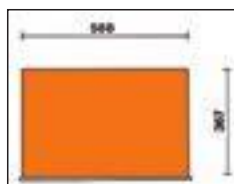
fixed module with 2 drawers, for workshop equipment combination

- 2 drawers (588x367mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock

66 kg



h	max
280 mm	40 kg
385 mm	40 kg



C55M2

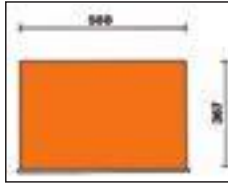
1 055000202

C55M4

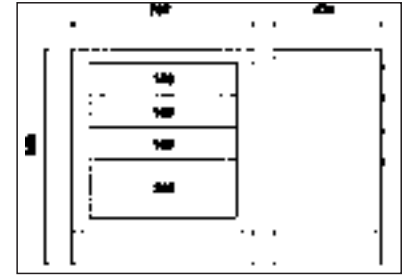
fixed module with 4 drawers, for workshop equipment combination

- 4 drawers (588x367 mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock

75 kg



h	max
140 mm	30 kg
245 mm	40 kg



C55M4

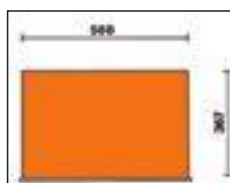
1 055000212

C55M7

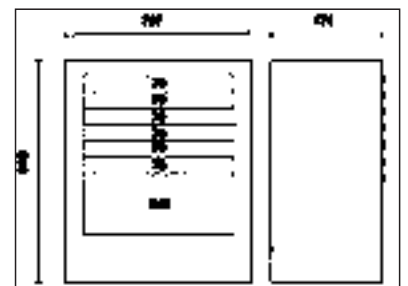
fixed module with seven drawers, for workshop equipment combination

- 7 drawers (588x367 mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

78 kg



h	max
70 mm	30 kg
245 mm	40 kg



C55M7

1 055000203

C55M8

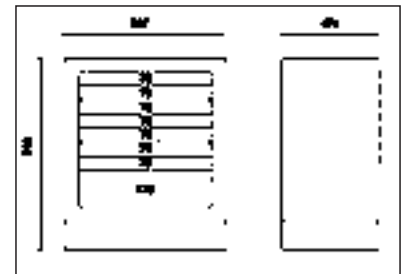
fixed module with 8 drawers for workshop equipment combination

- 8 drawers (588x367 mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

📦 78,9 kg



h	max
70 mm	30 kg
175 mm	40 kg



C55M8

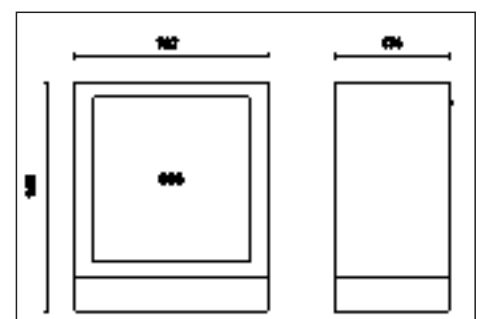
📦 1 055000207

C55CS

fixed sorted waste collection module for workshop equipment combination

- Pull-out waste compartment (588x465) with ball bearing slides
- 2 capacious pull-out interior containers for sorting waste

📦 62 kg



C55CS

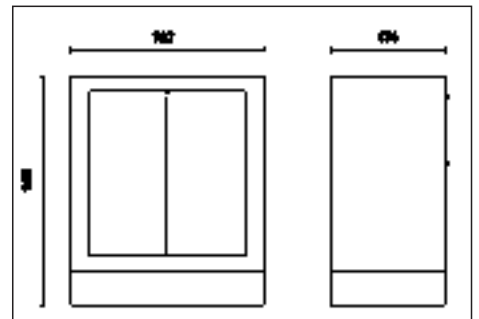
📦 1 055000208

C55MA

fixed two-door module, for workshop equipment combination

- Push Pull opening
- With lock • Interior shelf, vertically adjustable

75 kg



C55MA

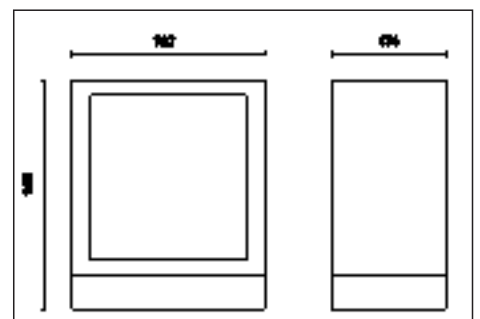
1 055000205

C55MDO

fixed oil distribution module
for workshop equipment combination

- 2 reels with 7m - 1/2" hose included
- Complete with 2 guns with digital litre counter and automatic drip catcher.
- max. flow rate: 35 l/min
- viscosity: 8÷5000 mPas

94 kg



C55MDO

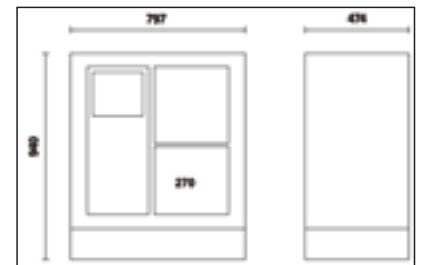
1 055000210

C55MS

fixed service module, for workshop equipment combination

- Built-in waste bin
- Perforated paper roll compartment
- Storage drawer, 305x270 mm

75 kg



C55MS



1



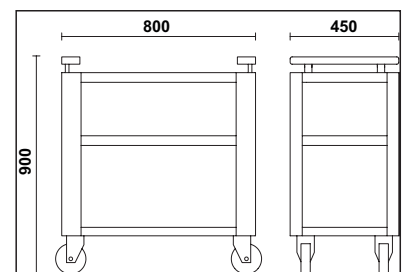
055000204

C55T3

trolley

- 3 tops covered in antislip ribbed rubber
- Ergonomic handle
- Two fixing options for central worktop
- Four castors Ø 100 mm (two with brakes)
- Static load capacity: 200 kg (distributed between 3 shelves)

21 kg



C55T3



1



055000219

C55P/MCD

double central intermediate uprights

10 kg

C55P/MCD

1 055000257



C55P/2MDX-SX

right/left wall uprights, pair

10 kg

C55P/2MDX-SX

1 055000253



C55PM

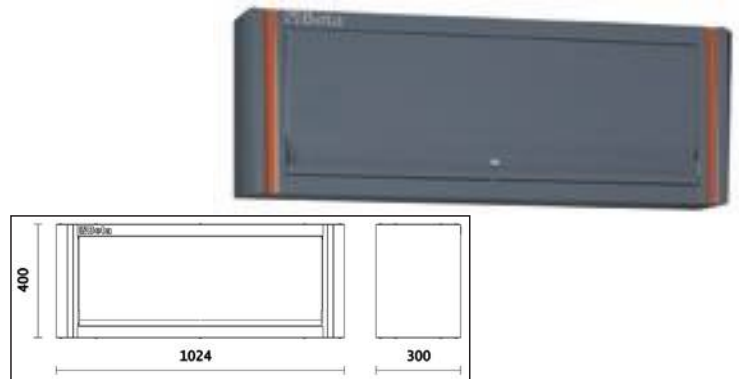
suspended cabinet for workshop equipment combination, 1 m long

• Dimensions: 1024x400x300 mm; fitted with gas springs, making it easier to open and close door

24 kg

C55PM

1 055000302



C55PFA-1,0

self-supporting perforated panel, 1 m long, for workshop equipment combination

Perforated steel tool panel (1024x1020x25 mm)

11 kg

C55PFA-1,0

1 055000316



C55/PF

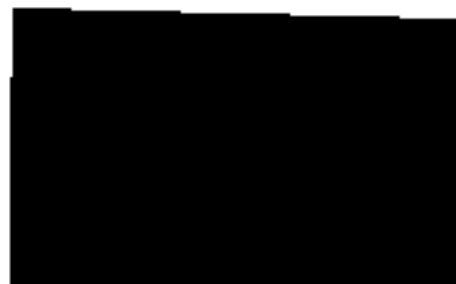
perforated under-cabinet panel for workshop equipment combination, 1 m long

• Perforated tool panel (1024x600 mm)

6 kg

C55/PF

1 055000307



C55PT1,0X0,6

under-cabinet panel, 1 m long

Dimensions: 1024x620x25 mm

8 kg

C55PT1,0X0,6

1 055000314



C55PTE-1,0

under-cabinet panel, 1 m long

Dimensions: 1024x620x25 mm

Accommodates 2 power sockets (not included)

8 kg

C55PTE-1,0

1 055000319



C55/2PM

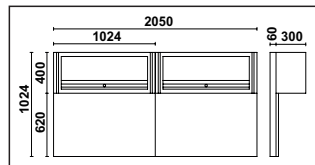
tool wall system with 2 suspended cabinets, for workshop equipment combination

- 2 suspended cabinets, 1024x400x300 mm, fitted with gas springs, making it easier to open and close doors.
- Wall panel, 2050x620 mm; can accommodate perforated tool panels C55/PF (to be ordered separately)
- Supplied with framework
- Matches 2-m-long workbench

80 kg

C55/2PM

1 055000301



C55PFA-0,8

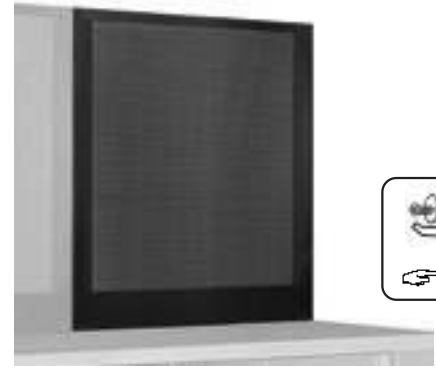
self-supporting perforated panel, 0.8 m long, for workshop equipment combination

Perforated steel tool panel (800x1020x25 mm)

10 kg

C55PFA-0,8

1 055000315



C55PM/M0,8

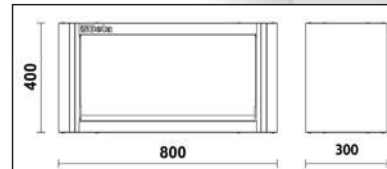
suspended cupboard, 0.8 m long, for workshop equipment combination

Dimensions: 800x400x300 mm; fitted with gas springs making it easier to open and close door

19 kg

C55PM/M0,8

1 055000312



C55PTE-0,8

under-cabinet panel, 0.8 m long

Dimensions: 800x620x25 mm
Accommodates 1 power socket (not included)

6 kg

C55PTE-0,8

1 055000318



C55PT0,8X0,6

under-cabinet panel, 0.8 m long

Dimensions: 800x620x25 mm

7,8 kg

C55PT0,8X0,6

1 055000313



C55/1PF

perforated tool panel, for workshop equipment combination

• Perforated tool panel (800x600 mm)

5 kg

C55/1PF

1 055000309

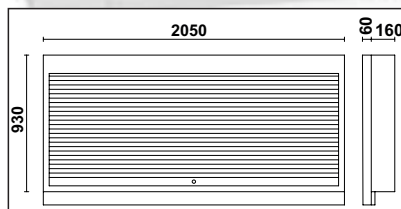


C55PS

tool wall system with shutter, for workshop equipment combination

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panel
- Supplied with framework
- Matches 2-m-long workbench

88 kg



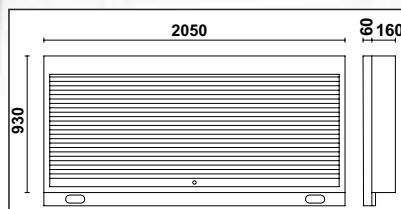
C55PS-O	1	055000250
C55PS-G	1	055000255

C55PSE

tool wall system with shutter
accommodating 2 power sockets

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panel
- Supplied with framework
- Accommodates power sockets
- Matches 2-m-long workbench

88 kg



C55PSE-O	1	055000258
C55PSE-G	1	055000260

C55AE

profile, 2 m long, accommodating power sockets

Dimensions: 2050x25x90mm
Accommodates 2 power sockets

1,5 kg



C55AE	1	055000325
-------	---	-----------

C55AC

self-supporting complete corner

Worktop (700x700 mm) with legs
2 upper tool wall systems complete with 2 fixing shelves (665x150 mm)

66 kg

C55AC O	1	055000360
C55AC G	1	055000380



C55AC O
C55AC G



C55KAI

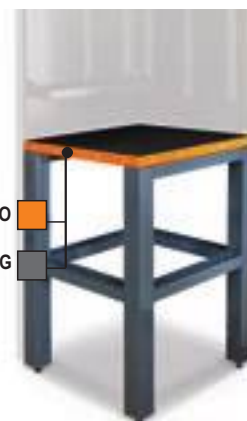
corner worktop for workshop equipment combination

• Painted sheet metal worktop (700x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

32 kg

C55KAI O	1	055000365
C55KAI G	1	055000385

C55KAI O
C55KAI G



C55KAS

upper corner with tool wall systems

• Perforated tool wall systems (700x1020x25 mm)
• 2 fixing shelves (665x150 mm)

24 kg

C55KAS	1	055000370
--------	---	-----------



C55MP

steel corner wall shelves

Dimensions: 700x160x80 mm

C55MP	1	055000374
-------	---	-----------



C55B/1

workbench, 1 m long, for workshop equipment combination, with fixed module C55M7

Worktop (1024x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

• Universal leg with vertically adjustable feet

1 fixed module:

7 drawers (588x367 mm) with ball bearing slides

• Aluminium opening system throughout length of drawer

• Drawer bases protected by foamed rubber mats

• Front centralized lock

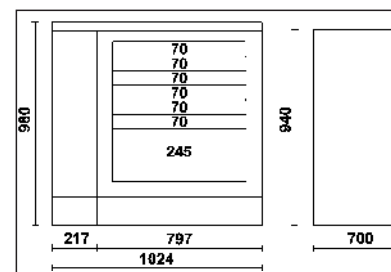
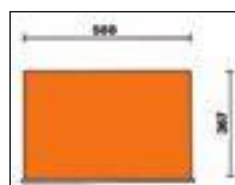
127 kg



C55BO/1
C55BG/1



h	max
70 mm	30 kg
245 mm	40 kg



C55BO/1	1	055000090
C55BG/1	1	055000091

C55C

Cargo cabinets, RSC55 system

Developed on the basis of accurate research conducted with trained, professional users, they provide ideal solutions for working comfortably and rationally.

The opening system of the perforated panels of the two doors also allows the interior surface to be made the most of.

Main features:

• 1 drawer with ball bearing slides.

• Easy tool layout according to users' needs.

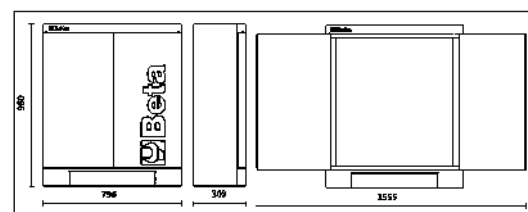
• Easy wall mounting by means of two slots located at the back of the cabinet.

• Safety lock for both drawers and doors.

• Empty thermoformed tray for 1/2" sockets and accessories.



37 kg



C55C	1	055000400
------	---	-----------

C55A1

sheet metal single-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 177x42x42 cm

📦 50 kg



C55A1

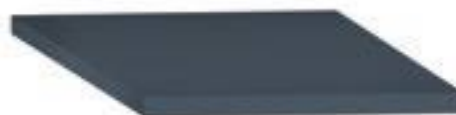
1

055000411

C55A1/R42

interior shelf for tool cabinet C55A1/C55AT1

📦 2,4 kg



C55A1/R42

420x420 mm

1

055000461



C55A2

sheet metal two-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 177x70x42 cm

72 kg



C55A2

1 055000412

C55A2/R70

interior shelf for tool cabinet C55A2/C55AT2

3,5 kg



C55A2/R70

700x420 mm

1 055000462

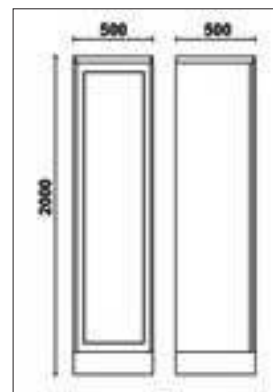
Beta

C55AT1

sheet metal tool cabinet with clear polycarbonate door, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 1770x420x420 mm

41 kg



C55AT1

1 055000421

C55AT2

sheet metal tool cabinet with two clear polycarbonate doors, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 1770x700x420 mm

56 kg



C55AT2

1 055000422

C55STR

adhesive tape 25 m

allows to tailor the vertical tapes of garage furniture item C55



RAL2011
RAL3000
RAL6029
RAL9016
RAL1023
RAL5015
RAL1035
RAL9006

C55STR-O/2011		1	055000901
C55STR-R/3000		1	055000903
C55STR-V/6029		1	055000906
C55STR-W/9016		1	055000907
C55STR-Y/1023		1	055000905
C55STR-B/5015		1	055000904
C55STR-GO/1035		1	055000909
C55STR-S/9006		1	055000902



PROFESSIONAL STURDY TIDY

**NEW
DESIGN**

C45PRO is the professional workshop equipment that helps you make the most of your working space. Based on the new 2021 design and the technical improvements developed for the frame, it boasts an excellent quality/price ratio.

The **modular workshop equipment**, C45PRO, allows you to create your own work environment according to both the amount of space you have available and your usage requirements. This simple, flexible range based on predetermined combinations, can be expanded or changed in time. Alternatively, you can fully customize your workstation, starting with the worktops – available in stainless steel coated MDF or multi-ply wood – and supplementing them with the numerous parts and accessories you can choose from.

**Tailor your work environment to suit your needs.
Make your workshop or garage look different.
Choose from the preassembled solutions or create your workstation from scratch.**



THE WORKSHOP EQUIPMENT, C45, HAS CHANGED ITS APPEARANCE AND PUT ON THE BETA COLOURS!

Configure your workshop online



go to www.beta-tools.com

C45PRO X

workshop equipment combination C45PRO

Combination comprising:

- Stainless steel coated MDF worktop (C45PX/3-2.0MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- Mobile roller cab with 7 drawers (C45PRO C7)
- Two-door tool cabinet (C45PRO AS2)
- 3 perforated tool panels (C45PRO PF)
- 3 wall-mounted cabinets (C45PRO PM)
- 3 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

305 kg



C45PRO W

workshop equipment combination C45PRO

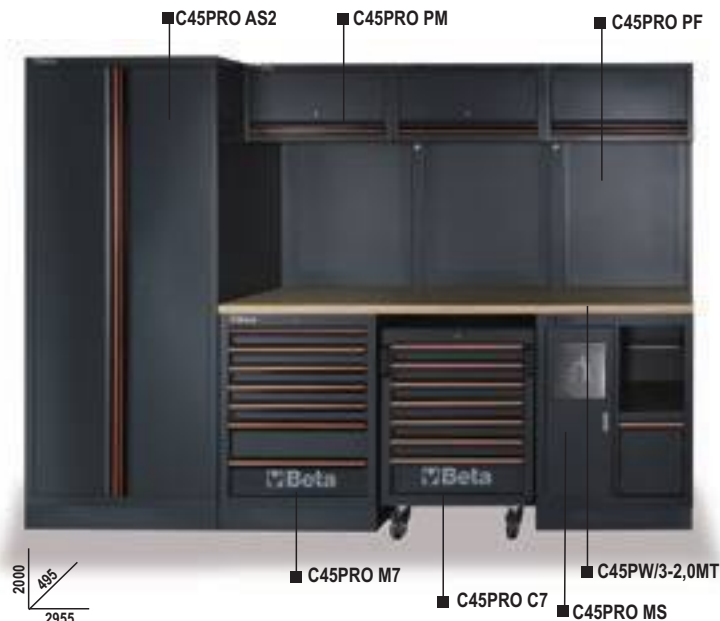
Combination comprising:

- Multi-ply wood worktop (C45PW/3-2.0MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- Mobile roller cab with 7 drawers (C45PRO C7)
- Two-door tool cabinet (C45PRO AS2)
- 3 perforated tool panels (C45PRO PF)
- 3 wall-mounted cabinets (C45PRO PM)
- 3 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

303 kg

C45PRO W

1 045000002



C45PRO AX

workshop equipment combination C45PRO

Combination comprising:

- Stainless steel coated MDF worktop (C45PX/3-2.0MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- Fixed two-door module (C45PRO MA)
- 3 wall-mounted cabinets (C45PRO PM)
- 3 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)

206 kg

C45PRO AX

1 045000003



C45PRO AW

workbenches for workshop equipment combination C45PRO

Combination comprising:

- Multi-ply wood worktop (C45PW/3-2.0MT)
- Fixed module with 2 drawers (C45PRO MA)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- 3 wall-mounted cabinets (C45PRO PM)
- 3 perforated tool panels (C45PRO PF)
- 2 wall brackets, narrow type (C45PRO SS)
- 2 wall brackets, wide type (C45PRO SL)

204 kg

C45PRO AW

1 045000004



C45PRO BX

workshop equipment combination C45PRO

Combination comprising:

- Stainless steel coated MDF worktop (C45PX/2-1.3MT)
- Fixed module with 5 drawers (C45PRO M5)
- Fixed two-door module (C45PRO MA)
- Single-door tool cabinet (C45PRO AS1)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

191 kg

C45PRO BX

1 045000021



C45PRO BW

workshop equipment combination C45PRO

Combination comprising:

- Multi-ply wood worktop (C45PW/2-1.3MT)
- Fixed module with 5 drawers (C45PRO M5)
- Fixed two-door module (C45PRO MA)
- Single-door tool cabinet (C45PRO AS1)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

190 kg

C45PRO BW

1 045000022



C45PRO DX

workshop equipment combination C45PRO

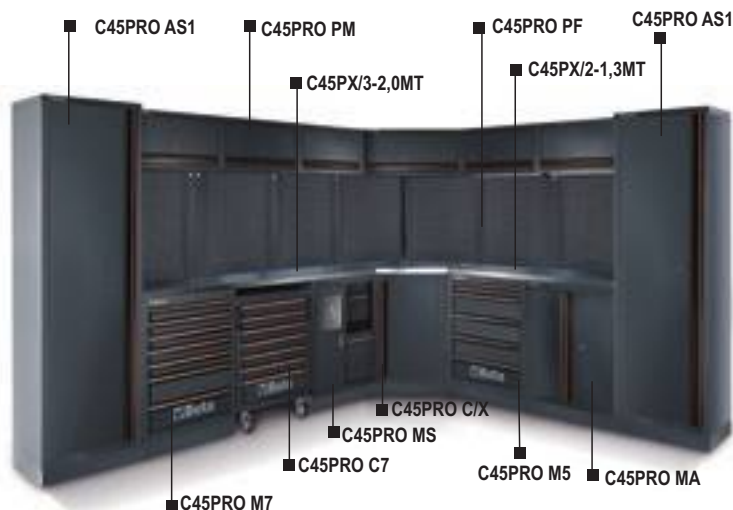
Combination comprising:

- 1 stainless steel coated MDF worktop (C45PX/3-2.0MT)
- 1 stainless steel coated MDF worktop (C45PX/2-1.3MT)
- 1 fixed module with 7 drawers (C45PRO M7)
- 1 mobile roller cab with 7 drawers (C45PRO C7)
- 1 fixed service module (C45PRO MS)
- 1 fixed module with 5 drawers (C45PRO M5)
- 1 two-door fixed module (C45PRO MA)
- 1 self-supporting complete corner with stainless steel coated MDF worktop (C45PRO CORNER/X)
- 5 perforated tool panels (C45PRO PF)
- 5 wall-mounted cabinets (C45PRO PM)
- 7 wall brackets, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)
- 2 single-door cabinets (C45PRO AS1)

572,3 kg

C45PRO DX

1 045000031



C45PRO DW

workshop equipment combination C45PRO

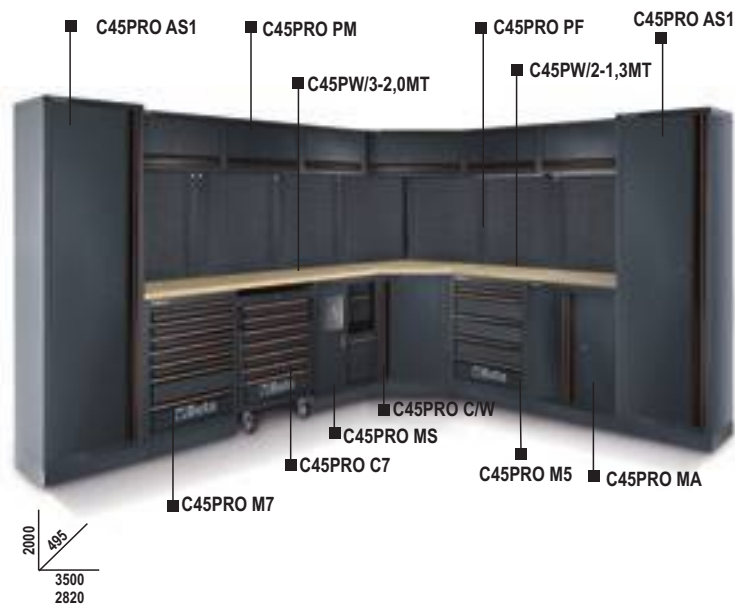
Combination comprising:

- 1 multi-ply wood worktop (C45PW/3-2,0MT)
- 1 multi-ply wood worktop (C45PW/2-1,3MT)
- 1 fixed module with 7 drawers (C45PRO M7)
- 1 mobile roller cab with 7 drawers (C45PRO C7)
- 1 fixed service module (C45PRO MS)
- 1 fixed module with 5 drawers (C45PRO M5)
- 1 fixed two-door module (C45PRO MA)
- 1 self-supporting complete corner with wood worktop (C45PRO CORNER/W)
- 5 perforated tool panels (C45PRO PF)
- 5 wall-mounted cupboards (C45PRO PM)
- 7 wall brackets, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)
- 2 single-door cabinets (C45PRO AS1)

568,5 kg

C45PRO DW

1 045000032



C45PRO EX

workshop equipment combination C45PRO

Combination comprising:

- 2 perforated tool panels (C45PRO PF)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)
- 1 single-door cabinet (C45PRO AS1)
- Fixed module with 7 drawers and stainless steel coated MDF worktop (C45PRO M7A/X):
 - 1 drawer, 1248x406 mm
 - 6 drawers, 782x406 mm
 - 5 drawers, 65 mm high
 - 1 drawer, 145 mm high
- 1 storage compartment with intermediate shelf and door

174,6 kg

C45PRO EX

1 045000033



C45PRO EW

workshop equipment combination C45PRO

Combination comprising:

- 2 perforated tool panels (C45PRO PF)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)
- 1 single-door tool cabinet (C45PRO AS1)
- Fixed module with 7 drawers and multi-ply wood worktop (C45PRO M7A/W):
 - 1 drawer, 1248x406 mm
 - 6 drawers, 782x406 mm
 - 5 drawers, 65 mm high
 - 1 drawer, 145 mm high
- 1 storage compartment with intermediate shelf and door

173,6 kg

C45PRO EW

1 045000034



C45PRO CX

workshop equipment combination C45PRO

Combination comprising:

- Worktop made of stainless steel coated MDF (C45PX/2-1.3MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- Single-door cabinet (C45PRO AS1)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

199 kg

C45PRO CX

1 045000023



C45PRO CW

workshop equipment combination C45PRO

Combination comprising:

- Multi-ply wood worktop (C45PW/2-1.3MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- Single-door cabinet (C45PRO AS1)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

198 kg

C45PRO CW

1 045000024



C45PRO BPX-1,3

workbenches for workshop equipment combination C45PRO

Combination comprising:

- Worktop made of stainless steel coated MDF (C45PX/2-1.3MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed module with 5 drawers (C45PRO M5)
- 2 perforated tool panels (C45PRO PF)
- 1 wall bracket, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)

140 kg

C45PRO BPX-1,3

1 045000041



C45PRO BPW-1,3

workbenches for workshop equipment combination C45PRO

Combination comprising:

- Multi-ply wood worktop (C45PW/2-1.3MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed module with 5 drawers (C45PRO M5)
- 2 perforated tool panels (C45PRO PF)
- 1 wall bracket, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)

139 kg

C45PRO BPW-1,3

1 045000051



C45PRO BPX-2,0

workbenches for workshop equipment combination C45PRO

Combination comprising:

- Worktop made of stainless steel coated MDF (C45PX/3-2,0MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed module with 5 drawers (C45PRO M5)
- 3 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)

158 kg

C45PRO BPX-2,0

1 045000042



C45PRO BPW-2,0

workbenches for workshop equipment combination C45PRO

Combination comprising:

- Multi-ply wood worktop (C45PW/3-2,0MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed module with 5 drawers (C45PRO M5)
- 3 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)

156 kg

C45PRO BPW-2,0

1 045000052



C45PRO M7A/X

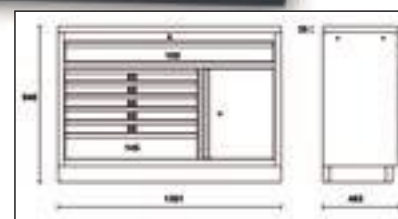
fixed module with 7 drawers, for workshop equipment combination
C45PRO

- Stainless steel coated MDF worktop, 1360 mm long
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
 - 5 drawers, 65 mm high
 - 1 drawer, 145 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays
- 1 storage compartment with intermediate shelf and door, interior dimensions 504x424x597 mm

81 kg



h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg



C45PRO M7A/X



1 045000161

C45PRO M7A/W

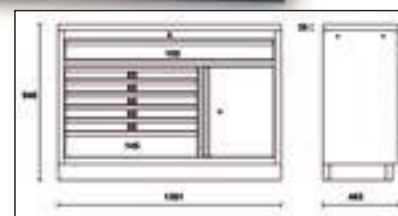
fixed module with 7 drawers, for workshop equipment combination
C45PRO

- Multi-ply wood worktop, 1360 mm long
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
 - 5 drawers, 65 mm high
 - 1 drawer, 145 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays
- 1 storage compartment with intermediate shelf and door, interior dimensions 504x424x597 mm

80 kg



h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg



C45PRO M7A/W



1 045000171

C45PRO MWS/X

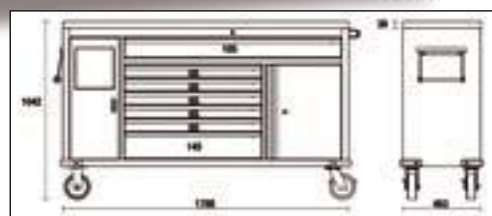
Work Station roller cab with 7 drawers and built-in waste bin

- Worktop (1680 mm) made of stainless steel coated MDF
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
 - 5 drawers, 65 mm high
 - 1 drawer, 145 mm high
- Drawer bases protected by foamed rubber mats
- Can be fitted with thermoformed trays
- Storage compartment with intermediate shelf and door, interior dimensions 504x424x597 mm
- Built-in waste bin
- Built-in paper roll support
- 4 heavy-duty swivel castors, Ø 150 mm (1 with brake)
- Front centralized lock

126 kg



h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg



C45PRO MWS/X



1 045000181

C45PRO MWS/W

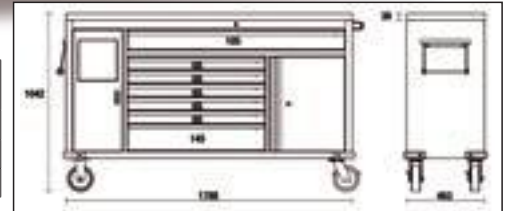
Work Station roller cab with 7 drawers and built-in waste bin

- Multi-ply wood worktop (1680 mm)
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
- 5 drawers, 65 mm high
- 1 drawer, 145 mm high
- Drawer bases protected by foamed rubber mats
- Can be fitted with thermoformed trays
- Storage compartment with intermediate shelf and door, interior dimensions 504x424x597mm
- Built-in waste bin
- Built-in paper roll support
- 4 heavy-duty swivel castors, Ø 150 mm (1 with brake)
- Front centralized lock

122 kg



h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg



C45PRO MWS/W

1 045000191

C45PX/1-0,7MT

worktop made of stainless steel coated MDF, 680x463 mm, for workbenches for workshop equipment combination C45PRO

- Thickness: 38 mm

6 kg



C45PX/1-0,7MT

1 045000101

C45PW/1-0,7MT

multi-ply wood worktop, 680x463 mm, for workbenches for workshop equipment combination C45PRO

- Thickness: 38 mm

6 kg



C45PW/1-0,7MT

1 045000111

C45PX/2-1,3MT

worktop made of stainless steel coated MDF, 1360x463 mm, for workbench, for workshop equipment combination C45PRO

- Thickness: 38 mm

21 kg



C45PX/2-1,3MT

1 045000103

C45PW/2-1,3MT

multi-ply wood worktop, 1360x463 mm, for workbench, for workshop equipment combination C45PRO

- Thickness: 38 mm

20 kg



C45PW/2-1,3MT

1 045000113

C45PX/3-2,0MT

worktop made of stainless steel coated MDF, 2040x463 mm, for workbench, for workshop equipment combination C45PRO

- Thickness: 38 mm

31,8 kg

C45PX/3-2,0MT



C45PW/3-2,0MT

multi-ply wood worktop, 2040x463 mm, for workbench, for workshop equipment combination C45PRO

- Thickness: 38 mm

30 kg

C45PW/3-2,0MT



C45PRO C5

mobile roller cab with 5 drawers, for workshop equipment combination C45PRO

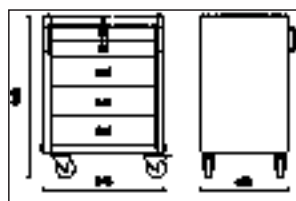
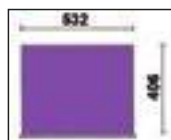
- 5 drawers (532x406 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (1 with brake)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with thermoformed trays
- Handles built into frame for improved ease of handling

46 kg

C45PRO C5



h	max
65 mm	25 kg
145 mm	30 kg



C45PRO C7

mobile roller cab with 7 drawers, for workshop equipment combination C45PRO

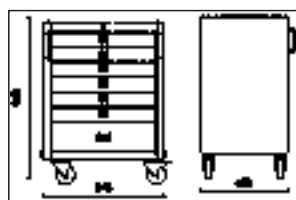
- 7 drawers (532x406 mm) with ball bearing slides
- 4 steering wheels, Ø 100 mm (2 with brake)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with thermoformed trays
- Handles built into frame for improved ease of handling

50 kg

C45PRO C7



h	max
65 mm	25 kg
145 mm	30 kg



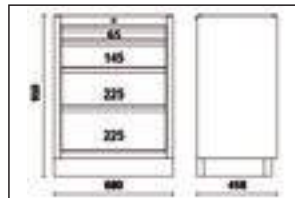
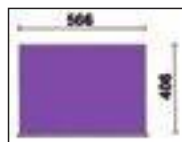
C45PRO M4

fixed module with 4 drawers, for workshop equipment combination
C45PRO

- 4 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

📦 45,7 kg

h	max
65 mm	25 kg
145 mm	30 kg
225 mm	30 kg



C45PRO M4



1



045000234

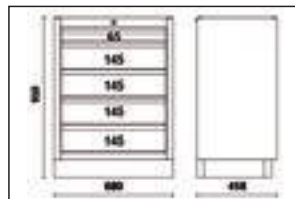
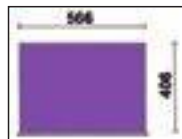
C45PRO M5

fixed module with 5 drawers, for workshop equipment combination
C45PRO

- 5 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

📦 49,3 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO M5



1



045000235

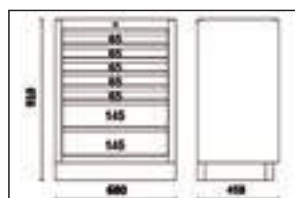
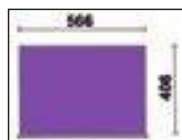
C45PRO M7

fixed module with 7 drawers, for workshop equipment combination
C45PRO

- 7 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

📦 54,3 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO M7



1




045000237

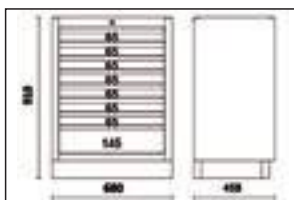
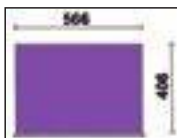
C45PRO M8

fixed module with 8 drawers, for workshop equipment combination C45PRO

- 8 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

📦 56,5 kg

	
65 mm	25 kg
145 mm	30 kg



C45PRO M8

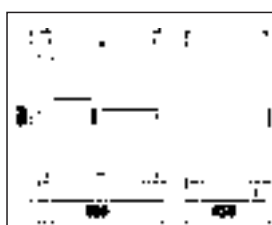
 1  045000238

C45PRO MS

fixed service module for workshop equipment combination C45PRO

- Built-in waste bin
- Paper roll compartment
- With vertically adjustable feet

📦 37 kg



C45PRO MS

 1  045000239

C45PRO RD

fixed sorted waste collection module for workshop equipment combination C45PRO

The ideal solution for sorted waste collection (glass, paper, plastic...)

- Sturdy sheet metal frame complete with 4 containers with up-and-over door for sorting waste
- Each container is fitted with:
 - one removable plastic bin; capacity: 25 l
 - 4 swivel castors, Ø 60 mm
- Supplied with kit of 4 coloured adhesive tapes
- With vertically adjustable feet

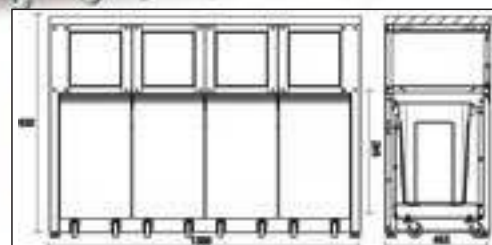
📦 80 kg



C45PRO RD/X





C45PRO RD/W



C45PRO RD/X

 1  045000241

C45PRO RD/W

 1  045000240

C45PRO MA

fixed two-door module for workshop equipment combination C45PRO

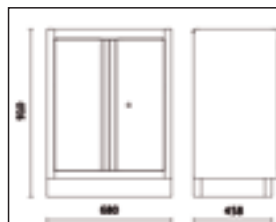
- With lock
- Vertically adjustable interior shelf
- Interior dimensions 670x420 mm
- With vertically adjustable feet

📦 29,4 kg

C45PRO MA



1 045000232



C45PRO M3A

fixed module with 3 drawers and 2 doors, for workshop equipment combination C45PRO

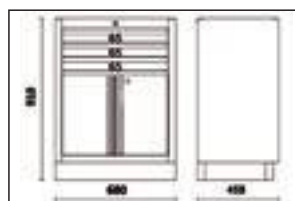
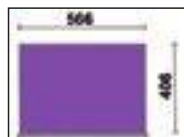
- 3 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Can be fitted with thermoformed trays
- Front centralized lock
- Storage compartment with double door and lock (interior dimensions 670x440 mm), complete with intermediate shelf
- With vertically adjustable feet

📦 40 kg

C45PRO M3A



1 045000231



C45PRO ML

fixed module with built-in sink, for workshop equipment combination C45PRO

Technical specifications:

- Stainless steel basin.
- Supplied complete with:
 - 1 mixer tap
 - 1 drain unit
 - 1 sink stopper
 - 1 filter cap
 - 1 soap dispenser

Fixed two-door module with lock:

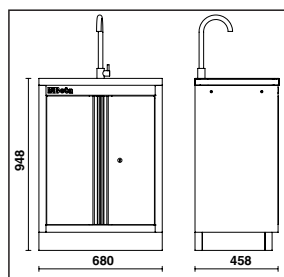
- Useful interior dimensions 600x603x416 mm
- With vertically adjustable feet

📦 44 kg

C45PRO ML



1 045000233



C45PRO ACT



fixed module with 3 drawers and 2 built-in reels for workshop equipment combination C45PRO

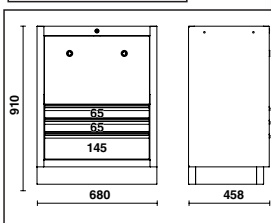
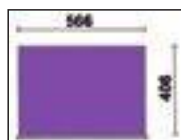
- 3 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet

Supplied complete with:

- 1 built-in compressed air or cold water hose reel, Ø 8 mm, length 10 m, item 1900S 8x10
- 1 built-in electrical cable reel, length 15 m, item 1844 15-H05

47 kg

	
65 mm	25 kg
145 mm	30 kg



C45PRO ACT

1 045000247

C45PRO TC

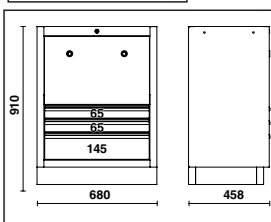
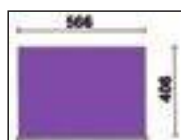
fixed reel module with 3 drawers, for workshop equipment combination C45PRO, empty

- 3 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet

- Can accommodate 2 reels, to be chosen from the following:
 - 2 compressed air or cold water hose reels, 8 mm, length 10 m item 1900S 8x10
 - 2 electrical cable reels, to be chosen from the following items: 1843 15-H05, 1844 10-H05, 1844 15-H05, 1844 15-H07, 1845 12-H05, 1846 10-H05, 1846 10-H07 and 1846 15-H05
 - 1 compressed air or cold water hose reel, 8 mm, length 10m item 1900S 8x10 and 1 cable reel to be chosen from the above-mentioned items

38 kg

	
65 mm	25 kg
145 mm	30 kg



C45PRO TC

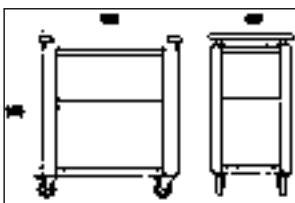
1 045000249

C45PRO T3

3-tier tool trolley, for workshop equipment combination C45PRO

- Two fixing options for middle shelf
- 4 swivel castors, Ø 100 mm (two with brakes)
- Static load capacity: 200 kg (distributed over 3 shelves)

19,2 kg



C45PRO T3

1 045000250

C45PRO SS

side wall brackets, narrow type, for workshop equipment combination C45PRO

- Dimensions 1420x32.5x30 mm

1,5 kg



C45PRO SS



1



045000333

C45PRO SL

side wall brackets, wide type, for workshop equipment combination C45PRO

- Dimensions 1420x65x30 mm

2 kg



C45PRO SL



1



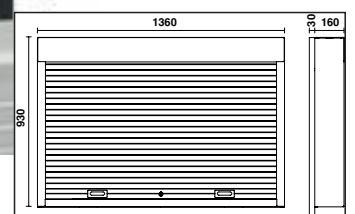
045000366

C45PRO PAS

tool wall system for workshop equipment combination C45PRO

- Aluminium shutter, vertically adjustable, with lock
- Two removable perforated tool panels
- Matches 1.3-m long workbench

48,8 kg



C45PRO PAS



1



045000290

C45PRO PF

perforated tool panel for workshop equipment combination C45PRO

- Dimensions 1052x614.5x24 mm

5,3 kg



C45PRO PF



1



045000313

C45PRO PFE

perforated tool panel for workshop equipment combination C45PRO

- Dimensions 1052x614,5x24 mm
- Can be fitted with 1 power socket (not included)

5,3 kg



C45PRO PFE

1 045000312

C45PRO CORNER/X

self-supporting complete corner for workshop equipment combination C45PRO

- Suspended corner cabinet with gas springs, making it easier to open and close door
- 2 perforated tool panels (1052x860)
- Stainless steel corner worktop (860x860 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

94 kg

C45PRO CORNER/X

1 045000401

C45PRO CORNER/W

self-supporting complete corner for workshop equipment combination C45PRO

- Suspended corner cabinet with lock and gas springs, making it easier to open and close door
- 2 perforated tool panels (1052x860 mm)
- Multi-ply wood corner worktop (860x860 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

93 kg

C45PRO CORNER/W

1 045000411



C45PRO CAI/X

lower corner module for workshop equipment combination C45PRO

- Corner worktop made of stainless steel coated MDF, 860x860 mm
- Fixed corner module with large storage compartment
- With vertically adjustable feet

62 kg



C45PRO CAI/X

1 045000412

C45PRO CAI/W

lower corner module for workshop equipment combination C45PRO

- Multi-ply wood corner worktop (860x860 mm)
- Fixed corner module with large storage compartment
- With vertically adjustable feet

56 kg



C45PRO CAI/W

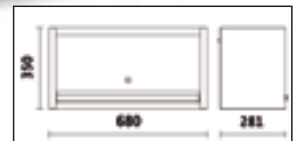
1 045000402

C45PRO PM

wall-mounted cabinet for workshop equipment combination C45PRO

- Cabinet length: 680 mm
- With gas springs, making it easier to open and close door
- With lock

10 kg



C45PRO PM

1 045000302

C45PRO PML

wall-mounted cabinet, long, for workshop equipment combination C45PRO

- Wall-mounted cabinet length: 1360 mm
- With gas springs, making it easier to open and close door
- With lock

18 kg



C45PRO PML

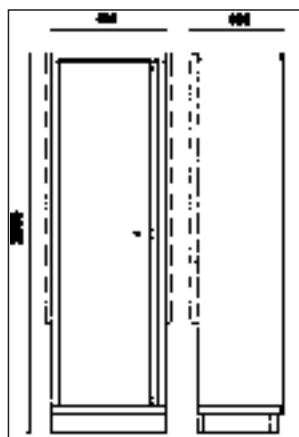
1 045000303

C45PRO AS1

sheet metal single-door tool cabinet with bracket, for workshop equipment combination C45PRO

- 4 removable, vertically adjustable shelves
- With lock
- Interior dimensions 590x430 mm
- With vertically adjustable feet

📦 57,5 kg



C45PRO AS1

📦 1 045000451

C45PRO AS2

sheet metal two-door tool cabinet with bracket, for workshop equipment combination C45PRO

- 4 removable, vertically adjustable shelves
- With lock
- Interior dimensions 910x430 mm
- With vertically adjustable feet

📦 80 kg



C45PRO AS2

📦 1 045000481

C45STR

coloured adhesive tape for workshop equipment combination C45PRO

- allows tailoring of colour of horizontal and vertical inserts in workshop equipment combination C45PRO



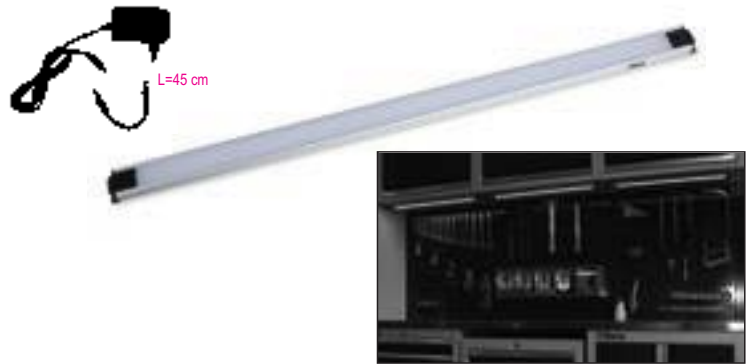
	L m	📦	📦
C45STR-O/2011	30	1	045000911
C45STR-G/9006	25	1	045000912
C45STR-R/3000	25	1	045000913
C45STR-B/5015	25	1	045000914
C45STR-Y/1023	25	1	045000915
C45STR-V/6029	25	1	045000916

ACCESSORIES RSC55 - C45PRO

C45LMP

LED lamp for workshop equipment combination C45PRO - RSC55

- Length: 630 mm
- Easy to fix under wall cabinet through adhesives
- ON/OFF switch
- 570 lumens



📦 307 g

C45LMP

1 045000320

PM/5C

5-tray tool holder, made of plastic, with support

- Interior dimensions of tray: 95x120 mm
- Can be used with tool wall systems C45PRO and RSC55



📦 1,8 kg

PM/5C

1 088880450

PM/6C

6-tray tool holder, made of plastic, with support

- Interior dimensions of tray: 80x60 mm
- Can be used with tool wall systems C45PRO and RSC55



📦 970 g

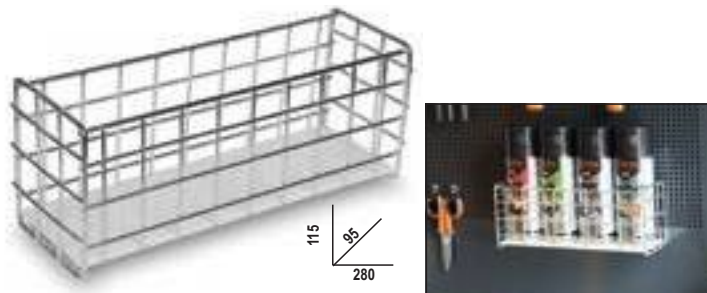
PM/6C

1 088880440

CP

wall-mounted bottle holder rack, made of steel

- Can be used with wall-mounted tool panels



CP

1 088880470

SPC

computer wall bracket

- Matches tool wall systems RSC55 and C45PRO
- Dimensions 398x243x138 mm



SPC

1 088880480

ROLLER CABS & CONTAINERS

LOOSE TOOLS

TRAYS

			pieces	ROLLER CABS & CONTAINERS															
				RSC22	RSC23	RSC23C	RSC23T	RSC24/5	RSC24/6	RSC24/7	RSC24/8	RSC24AXL/9	C25	C27S	RSC28	C30M			
without supports	5902MT	Earth moving	106	☐ 477	☐ 477	☐ 477													
	5902MT/AS	Earth moving	99	☐ 478	☐ 478	☐ 478													
	5902VI	Industrial maintenance	107	☐ 443	☐ 443		☐ 443							☐ 443	☐ 443				
	5904VG/3	Car repair	132					☐ 481	☐ 481	☐ 481	☐ 481								
	5905VG/1	Car repair	94											☐ 484					
	5905VG/2	Car repair	118											☐ 485					
	5910VI/3	Industrial maintenance	297																☐ 447
	5954VG	Car repair	138																
	5954VI	Industrial maintenance	133																
	5957U-P	Industrial maintenance	133																
	5957VG	Car repair	174																
	5957VI	Industrial maintenance	162																
	5958U	Industrial maintenance	85																
with supports	5904VG/2M	Car repair	170				☐ 479	☐ 479	☐ 479	☐ 479	☐ 479	☐ 479						☐ 479	
	5904VU/1M	Industrial maintenance	90				☐ 452	☐ 452	☐ 452	☐ 452	☐ 452	☐ 452						☐ 452	
	5904VU/2M	Industrial maintenance	144				☐ 453	☐ 453	☐ 453	☐ 453	☐ 453	☐ 453						☐ 453	
	5927VU/M	Industrial maintenance	108	☐ 463	☐ 463	☐ 463												☐ 463	
	5935ET/1MB	Electrotechnical	96																
	5935VG/1MB	Car repair	98																
	5935VI/2MB	Industrial maintenance	133																
	5945VUM	Universal use	231																
	5988H/7M	Car repair	333									☐ 469	☐ 469					☐ 469	
	5988L/4M	Car repair	273					☐ 470	☐ 470	☐ 470	☐ 470	☐ 470	☐ 470						
	5988U6/M	Universal use	214							☐ 471	☐ 471	☐ 471						☐ 471	
	5988U/7M	Universal use	215				☐ 459	☐ 459	☐ 459	☐ 459	☐ 459	☐ 459	☐ 459					☐ 459	
	5988VHB-MQ	Elettrotecnica	66				☐ 475	☐ 475	☐ 475	☐ 475	☐ 475	☐ 475	☐ 475					☐ 475	
	5904VI/1T	Industrial maintenance	98				☐ 443	☐ 443	☐ 443	☐ 443	☐ 443	☐ 443	☐ 443					☐ 443	
	5904VI/2T	Industrial maintenance	153				☐ 444			☐ 444	☐ 444	☐ 444	☐ 444					☐ 444	
	5904VI/3T	Industrial maintenance	142								☐ 445	☐ 445						☐ 445	
	5904VG/2T	Car repair	99				☐ 480	☐ 480	☐ 480	☐ 480	☐ 480	☐ 480	☐ 480					☐ 480	
	5904VG/3T	Car repair	102				☐ 482	☐ 482	☐ 482	☐ 482	☐ 482	☐ 482	☐ 482					☐ 482	
	5904VG/5T	Car repair	153				☐ 483		☐ 483	☐ 483	☐ 483	☐ 483	☐ 483					☐ 483	
	5904VU/2T	Universal use	104				☐ 454	☐ 454	☐ 454	☐ 454	☐ 454	☐ 454	☐ 454					☐ 454	
	5904VU/3T	Universal use	146				☐ 455	☐ 455	☐ 455	☐ 455	☐ 455	☐ 455	☐ 455					☐ 455	
5904VU/4T	Universal use	197				☐ 456	☐ 456	☐ 456	☐ 456	☐ 456	☐ 456	☐ 456					☐ 456		
5908VG/2T	Car repair	214																☐ 486	
5908VI/2T	Industrial maintenance	232									☐ 446	☐ 446					☐ 446		
5908VU/2T	Universal use	161				☐ 457		☐ 457	☐ 457	☐ 457	☐ 457	☐ 457					☐ 457		
5910VG/3T	Car repair	202																☐ 487	
5910VI/3T	Industrial maintenance	261																☐ 448	
5938U/2T	Universal use	210																	

ROLLER CABS & CONTAINERS

LOOSE TOOLS

TRAYS

			pieces	C35	C38	C39MD C39SM	C39T	C45PRO	RSC51	C54S RSC55C	RSC55	RSC55PS RSC55PSE	C57SA C57SD	C57SB C57SP	C58P	C45PRO PAS	C59A C59C	C59B
without supports	5902MT	Earth moving	106				477											
	5902MT/AS	Earth moving	99				478											
	5902VI	Industrial maintenance	107															
	5904VG/3	Car repair	132								482						482	482
	5905VG/1	Car repair	94															
	5905VG/2	Car repair	118															
	5910VI/3	Industrial maintenance	297															
	5954VG	Car repair	138							491								
	5954VI	Industrial maintenance	133							451	451							
	5957U-P	Universal use	133									465	465					
	5957VG	Car repair	174									492	492					
	5957VI	Industrial maintenance	162										450					
5958U	Universal use	85					466			466	466			466				
soft modules	5904VG/2M	Car repair	170			479	479				479						479	479
	5904VU/1M	Universal use	90			452	452	452		452							452	452
	5904VU/2M	Universal use	144			453	453			453							453	453
	5927VU/M	Universal use	108															
	5935ET/1MB	Elettrotecnica	96	472														
	5935VG/1MB	Car repair	98	488														
	5935VI/2MB	Industrial maintenance	133	449														
	5945VUM	Universal use	231		490			490										
	5988H/7M	Car repair	333								469							469
	5988L/4M	Car repair	273			470	470				470						470	470
	5988U6/M	Universal use	214			471					471							471
	5988U/7M	Universal use	215			459					459						459	459
	5988VHB-MQ	Electrotechnical	66			475	475	475		475	475						475	475
	5904VI/1T	Industrial maintenance	98			443	443	443		443	443						443	443
	5904VI/2T	Industrial maintenance	153			444					444						444	444
	5904VI/3T	Industrial maintenance	142			445					445							445
	5904VG/2T	Car repair	99			480	480	480		480	480						480	480
	5904VG/3T	Car repair	102			482	482				482						482	482
	5904VG/5T	Car repair	153			483					483						483	483
	5904VU/2T	Universal use	104			454	454				454						454	454
5904VU/3T	Universal use	146			455	455				455						455	455	
5904VU/4T	Universal use	197			456	456				456						456	456	
5908VG/2T	Car repair	214																
5908VI/2T	Industrial maintenance	232															446	
5908VU/2T	Universal use	161			457					457						457	457	
5910VG/3T	Car repair	202																
5910VI/3T	Industrial maintenance	261																
5938U/2T	Universal use	210		464														

5902VI

assortment of 107 tools

► Industrial maintenance

Quantity/Description

- 6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm
- 1 centre punch Ø 3 mm
- 1 flat chisels, ribbed type 200 mm
- 26 combination wrenches 6+32 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 30x32 mm
- 9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 Adjustable wrench 300 mm
- 13 1/2" square drive hexagon sockets with rail Ø 10+22 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓞ
- 1 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⚡ 160 mm
- 1 compound leverage shears, straight blades 250 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm
- 8 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm
- 4 screwdrivers for cross head Phillips® screws ⚡ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 1 engineer's hammer 500 g
- 1 dead blow hammer Ø 40 mm
- 1 engineer's scribe
- 1 measuring tape 5 m
- 1 metric feeler gauge
- 5 Set of 5 second-cut files, with handles 200 mm
- 1 hacksaw frame, aluminium handle
- 1 Metal pressure oil can 300 cc
- 1 snap - off blade utility knife
- 1 magnetic, articulated lamp with high-brightness LEDs

Beta N.	
	31
	32
	35
	42/S26
	55/S12
	96N/SC9
	111E
920A/SB13	
	920/21
	920/22
	920/25
	920/42
	920/55
	1048N
	1052
1084GBM	
	1122
	1128BMX
	1150GBM
	1166GBM
	1260
	1262
	1370
	1392
	1688A
	1692
	1708/S0
1719BMA..S5	
	1726BM
	1751N
	1771BM
	1837F

5902VI

059021060

Assortment recommended in combination with RSC22 - RSC23 - RSC23T - C25 - C27S

5904VI/1T

assortment of 98 tools in ABS thermoformed trays

► Industrial maintenance

Quantity/Description

- 19 1/2" square drive hexagon sockets Ø 10+24 - 26 - 27 - 30 - 32 mm
- 5 1/2" drive, socket drivers for hexagon screws Ø 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓞ
- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22-24-27-30-32 mm
- 1 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers ⚡ 160 mm
- 1 half-round needle nose pliers ≡ 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 circlip pliers straight, internal Ⓞ 180 mm
- 1 circlip pliers bent, internal Ⓞ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 5 second cut files 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 4 screwdrivers for slotted head screws ● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ⚡ PH0x60 - PH1x80 - PH2x100 mm
- 6 T-handle wrenches with hexagon male ends Ø 2,5 - 3 - 4 - 5 - 6 - 8 mm

Beta N.	TR
920A	T80
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
	42
	T05
	42
	T06
1048N	T153
1052	T153
1084	T138
1150	T138
1166	T138
1032	T145
1034	T145
1036	T145
1038	T145
	35
	T234
1719BMA8/S5	T236
	1370
	T234
	1390
	T234
	55
	T33
96/SC9	T33
	1260
	T208
	1262
	T208
	951
	T68

5904VI/1T

059041161

Assortment recommended in combination with RSC51 - RSC24 - RSC24A - RSC24XL - C37 - C39 with 6 - 7 - 8 drawers
RSC23T - C39T - RSC24L - RSC24L-CAB - C59 - RSC28 - C39MD - C39SM - RSC55

5904VI/2T

assortment of 153 tools in ABS thermoformed trays

► Industrial maintenance

Quantity/Description

- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17
18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 7 double ended offset ring wrenches 6+29 mm
- 19 1/2" square drive hexagon sockets \odot 10+24 - 26 - 27 - 30 - 32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \oplus
- 13 1/4" hexagon sockets \odot 4+14 mm
- 6 1/4" socket drivers for hexagon screws \odot 2,5+8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet \oplus
- 9 screwdrivers for slotted head screws \bullet 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series \bullet 4x30 - 6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series \oplus PH1x30 - PH2x30 mm
- 1 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers \nless 160 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm
- 6 T-handle wrenches with hexagon male ends \odot 2,5 - 3 - 4 - 5 - 6 - 8 mm
- 5 second cut files 200 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 riveting pliers
- 100 aluminium rivets 2,9x6 mm
- 100 aluminium rivets 3,2x8 mm
- 100 aluminium rivets 3,8x10 mm
- 100 aluminium rivets 4x12 mm
- 100 aluminium rivets 4,8x12 mm
- 1 measuring tape
- 1 mini hacksaw frame
- 1 plastic oil bottle
- 1 snap - off blade utility knife

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
90	T40
920A	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91
900/55	T91
1260	T167
1260N	T167
1262	T168
1262N	T168
1048N	T153
1052	T153
1084	T138
1166	T138
1150	T138
1032	T145
1034	T145
1036	T145
1038	T145
951	T68
1719BMA8/S5	T236
35	T234
1370	T234
1390	T234
1741B	T281
1741RV...K	T281
1741RV...K	T281
1741RV...K	T281
1741RV...K	T281
1741RV...K	T281
1692	T289
1725CR	T289
1755	T289
1771	T289



T05 T06 T31



T40 T83 T91



T167 T168



T153 T138 T145 T68



T236 T234 T281 T289

5904VI/3T

assortment of 142 tools in ABS thermoformed trays

► Industrial maintenance

Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17
18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 9 screwdrivers for slotted head screws \bullet 3x75 - 3,5x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series \bullet 4x30 - 6,5x30 mm
- 6 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 7 drivers for Torx® head screws \odot T6-T7-T8-T9-T10-T15-T20
- 5 1/2" drive, socket drivers for hexagon screws \odot 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊗
- 19 1/2" square drive hexagon sockets \odot 10÷24 - 26 - 27 - 30 - 32 mm
- 8 double ended bi-hex tubular socket wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17
18x19 - 20x22 mm
- 1 tommy bars for tubular wrenches
- 1 tommy bars for tubular wrenches
- 6 T-handle wrenches with hexagon male ends \odot 2,5 - 3 - 4 - 5 - 6 - 8 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 1 Heavy-duty diagonal cutting nippers \llcorner 160 mm
- 1 250 mm
- 1 self - locking pliers 240 mm
- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm
- 1 circlip pliers straight, internal \odot 140 mm
- 1 circlip pliers bent, internal \odot 225 mm
- 1 circlip pliers straight, external \bullet 140 mm
- 1 circlip pliers bent, external \bullet 225 mm
- 1 engineer's hammer 400 g
- 1 soft face hammer Ø 35 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 digital vernier
- 1 flexible graduated rule 300 mm
- 1 measuring tape 5 m
- 1 riveting pliers 250 mm
- 100 aluminium rivets 2,9x6 mm
- 100 aluminium rivets 3,2x8 mm
- 100 aluminium rivets 3,8x10 mm
- 100 aluminium rivets 4x12 mm
- 100 aluminium rivets 4,8x12 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 hacksaw frame, aluminium handle
- (5) blades for hacksaw
- 1 Plastic pressure oil can 200 cc
- empty thermoformed tray

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
1260	T167
1260N	T167
1262	T202
1267TX	T205
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
930	T73
940/1	T73
940/2	T73
951	T68
1150BM	T137
1166BM	T137
1084BM	T137
1048N	T153
1052	T153
1032	T145
1034	T145
1036	T145
1038	T145
1032	T146
1034	T146
1036	T146
1038	T146
1370	T231
1390	T231
1719BMA8/T	T231
1719BMA8/P	T231
1719BMA8/M	T231
1651DGT	T297
1682	T297
1691BM	T297
1741B	T281
1741RV..K	T281
1741RV..K	T281
1741RV..K	T281
1741RV..K	T281
1741RV..K	T281
1112	T285
1128BM	T285
1726	T285
1728BM	T285
1753	T285
VP6	VP6



T05 T06 T31



T167 T202 T205



T80 T73 T68



T137 T153 T145 T146



T231 T297 T281



T285 VP6

5904VI/3T

059041168

Assortment recommended in combination with RSC24 with 8 drawers- RSC24/A with 8 drawers - C37 with 8 drawers - C39 with 8 drawers RSC24XL with 8-9 drawers - RSC28 -C39MO - C39SM RSC55 - C59B

5908VI/2T

assortment of 232 tools in ABS thermoformed trays

► Industrial maintenance

Quantity/Description

Quantity/Description	Beta N.	TR
5 1/2" drive, socket drivers for hexagon screws \odot 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1 1/2" drive extension bar 125 mm	920/21	T80
1 1/2" drive extension bar 255 mm	920/22	T80
1 1/2" drive universal joint	920/25	T80
1 1/2" drive sliding T-handle	920/42	T80
1 1/2" drive reversible ratchet \oplus	920/55	T80
19 1/2" square drive hexagon sockets \odot 10+24 - 26 - 27 - 30 - 32 mm	920A	T80
16 combination wrenches 6+21 mm	42	T05
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
13 1/4" hexagon sockets \odot 4+14 mm	900	T91
6 1/4" socket drivers for hexagon screws \odot 2,5 - 3 - 4 - 5 - 6 - 8 mm	900ME	T91
1 1/4" drive extension bar 50 mm	900/20	T91
1 1/4" drive extension bar 150 mm	900/21	T91
1 1/4" drive spinner handle	900BG/30	T91
1 1/4" drive universal joint	900/25	T91
1 1/4" drive swivel T-handle	900/42	T91
1 1/4" reversible ratchet \oplus	900/55	T91
6 T-handle wrenches with hexagon male ends \odot 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68
7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	90	T40
5 double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm	90	T41
7 screwdrivers for slotted head screws \bullet 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm	1260	T199
6 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1262	T202
3 screwdrivers for slotted head screws \bullet 8x200 - 10x150 - 10x200 mm	1260	T201
2 screwdrivers for slotted head screws, extra-short series \bullet 4x30 - 6,5x30 mm	1260N	T201
2 screwdrivers for cross head Phillips® screws \oplus PH3x150 - PH4x200 mm	1262	T204
2 screwdrivers for cross head Phillips® screws, extra - short series \oplus PH1x30 - PH2x30 mm	1262N	T204
2 flat chisels, ribbed type 100 - 200 mm	35	T234
1 engineer's hammer 300 g	1370	T234
1 soft face hammer \varnothing 35 mm	1390	T234
1 riveting pliers 250 mm	1741B	T281
100 aluminium rivets 2,9x6 mm	1741RV...K	T281
100 aluminium rivets 3,2x8 mm	1741RV...K	T281
100 aluminium rivets 3,8x10 mm	1741RV...K	T281
100 aluminium rivets 4x12 mm	1741RV...K	T281
100 aluminium rivets 4,8x12 mm	1741RV...K	T281
1 250 mm	1048N	T153
1 self - locking pliers 240 mm	1052	T153
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5	T236
1 circlip pliers straight, internal \odot 180 mm	1032	T145
1 circlip pliers bent, internal \odot 170 mm	1034	T145
1 circlip pliers straight, external \bullet 175 mm	1036	T145
1 circlip pliers bent, external \bullet 175 mm	1038	T145
1 half-round needle nose pliers \equiv 180 mm	1150BM	T137
1 Extra-long needle nose pliers \bullet 160 mm	1166BM	T137
1 Heavy-duty diagonal cutting nippers \llcorner 160 mm	1084BM	T137
5 pin punches \varnothing 2 - 3 - 4 - 5 - 6 mm	31	T31
1 centre punch \varnothing 4 mm	32	T31
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
1 tin snips 250 mm	1112	T285
1 electrician's scissors, straight blades	1128BM	T285
1 hacksaw frame, aluminium handle	1726	T285
5 blades for hacksaw	1728BM	T285
1 Plastic pressure oil can 200 cc	1753	T285
1 empty thermoformed tray	VP5	VP5
1 adjustable tap wrench M3+M12	435/1,5	T273
1 adjustable tap wrench M5+M21	435/3	T273
1 reversible ratcheting tap wrench 2,0+5,0 mm (M3+M8)	436/1	T273
1 reversible ratcheting tap wrench 4,6+8,0 mm (M5+M12)	436/2	T273
1 die stock 25,4 mm	444/1	T273
1 die stock 38,1 mm	444/2	T273
1 screw pitch gauge 0,25+6 W 62+4x1"	1707	T273
26 coarse pitch hand taps M3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 16 - 18 - 20	430	T270
14 fine pitch hand taps M6x0,75 - M8x1 - M10x1,25	433	T270
M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5		
7 round dies, coarse pitch M3 - 4 - 5 - 6 - 7 - 8 - 9	440	T270
6 round dies, coarse pitch M10 - 12 - 14 - 16 - 18 - 20	440A	T270
2 round dies, fine pitch M6x0,75 - M8x0,75	441	T270
5 round dies, fine pitch M10x1,25 - M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	441A	T270



T80 T05 T06



T91 T68 T40 T41



T199 T202 T201 T204



T234 T281 T153 T236



T145 T137 T31



T285 VP5



T273 T270

5908VI/2T

059081105

Assortment recommended in combination with RSC28 - RSC24XL with 8 and 9 drawers - RSC24A with 8 and 9 drawers - RSC24 with 8 drawers - C37 with 8 drawers - C39 with 8 drawers



5910VI/3

assortment of 297 tools

► Industrial maintenance

Quantity/Description	Beta N.
6 Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6N
1 centre punch Ø 4 mm	32
2 flat chisels, ribbed type 125 - 250 mm	35
1 cape chisel, ribbed type 200 mm	37
30 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32-35-36-38-41 mm	42
14 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 - 36x41 mm	55
13 double ended offset ring wrenches 6x7+30x32 mm	90
14 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	96N
1 Adjustable wrench 250 mm	111E
1 heavy duty pipe wrench 300 mm	362
25 twist drills with cylindrical shanks, short series 1+13x0,5 mm	412/SP25
37 assortment of HSS taps and dies, metric thread	447/C37
1 click-type torque wrenches with reversible ratchets ⊕ 1/2", 40+200 Nm	666N/20
1 1/2" drive swivel T-handle	920/40
4 1/2" drive, socket drivers for hexagon screws Ø 10-12-14-17 mm	920ME
25 20 sockets and 5 accessories	920A/C20X
17 assortment of 12 sockets and 5 accessories 3/4"	928A/C12
12 double ended hexagon/bi - hex offset socket wrenches 8 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm	932
14 T-handle wrenches with hexagon male ends 2+14 mm	951/S14
5 T handle wrenches with swivelling hexagon male ends Ø 3 - 4 - 5 - 6 - 8 mm	953
3 circlip pliers straight, internal Ø 180 - 225 - 300 mm	1032
3 circlip pliers bent, internal Ø 170 - 210 - 290 mm	1034
3 circlip pliers straight, external ● 140x1,3 - 175 - 225 mm	1036
3 circlip pliers bent, external ● 135x1,3 - 175 - 220 mm	1038
2 250 - 300 mm	1048N
1 self locking pliers, double adjustment	1051
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⚡ 160 mm	1084GBM
1 toggle lever assisted end cutting nippers ⚡ 180 mm	1092V
1 tin snips 300 mm	1112
1 tin snip, straight narrow blades 250 mm	1114
1 electrician's scissors, straight blades	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm	1150GBM
1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm	1166GBM
1 extra-long bent needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm	1168GBM
9 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 3,5x150 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 - 12x250 mm	1260
2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm	1260N
5 screwdrivers for cross head Phillips® screws ⊕ PH0x100 - PH1x120 - PH2x150 - PH3x150 - PH4x200 mm	1262
2 screwdrivers for cross head Phillips® screws, extra - short series ⊕ PH1x30 - PH2x30 mm	1262N
7 drivers for Torx® head screws ⊕ T6 - T8 - T10 - T15 - T20 - T25 - T30	1267TX
2 engineer's hammer 300 - 600 g	1370
2 soft face hammer Ø 35 - 60 mm	1390
5 tapered extractors M3+M18	1430/S5
1 two - leg universal puller 23+70 mm	1500N/1
1 two - leg universal puller 23+100 mm	1500N/2
1 sliding gauge	1650
1 semirigid stainless steel rule 300 mm	1683
1 engineer's scriber	1688A
1 measuring tape 5 m	1692
1 metric feeler gauge	1708/13
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1726BM
1 riveting pliers	1741B
1 Metal pressure oil can 200 cc	1751N

5910VI/3T

assortment of 261 tools in ABS thermoformed trays

► Industrial maintenance

Quantity/Description

- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17
18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches \bigcirc 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm
- 7 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17
18x19 mm
- 5 1/2" drive, socket drivers for hexagon screws \bigcirc 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \textcircled{R}
- 19 1/2" square drive hexagon sockets \bigcirc 10+24 - 26 - 27 - 30 - 32 mm
- 9 screwdrivers for slotted head screws \bullet 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 -
6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series \bullet 4x30 - 6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH0x100 - PH1x80 - PH1x120 -
PH2x100 - PH2x150 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series \oplus PH1x30 - PH2x30 mm
- 4 offset hexagon key wrenches \bigcirc 13-14-17-19 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 hacksaw frame, aluminium handle
- (5) blades for hacksaw
- 1 Plastic pressure oil can 200 cc
- 1 half-round needle nose pliers \equiv 180 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 1 Heavy-duty diagonal cutting nippers ∇ 160 mm
- 1 circlip pliers straight, internal \bigcirc 180 mm
- 1 circlip pliers bent, internal \bigcirc 170 mm
- 1 circlip pliers straight, external \bullet 175mm
- 1 circlip pliers bent, external \bullet 175mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 second cut files 200 mm
- 4 combination wrenches 35-36-38-41 mm
- 1 double open end wrenches 36x41 mm
- 1 Adjustable wrench 250 mm
- 1 heavy duty pipe wrench 300 mm
- 25 twist drills with cylindrical shanks, short series
- 37 assortment of HSS taps and dies, metric thread
- 1 click-type torque wrenches with reversible ratchets \textcircled{R} 200 Nm
- 17 assortment of 12 sockets and 5 accessories 3/4"
- 14 T-handle wrenches with hexagon male ends
- 5 T handle wrenches with swivelling hexagon male ends \bigcirc 3-4-5-6-8 mm
- 1 circlip pliers straight, internal \bigcirc 300 mm
- 1 circlip pliers bent, internal \bigcirc 290 mm
- 1 circlip pliers straight, external \bullet 225 mm
- 1 circlip pliers bent, external \bullet 220 mm
- 1 300 mm
- 1 self locking pliers, double adjustment
- 1 toggle lever assisted end cutting nippers ∇ 180 mm
- 1 engineer's hammer 600 g
- 1 soft face hammer 60 mm
- 5 tapered extractors M3-M18
- 1 two - leg universal puller
- 1 sliding gauge
- 1 semirigid stainless steel rule
- 1 engineer's scriber
- 1 measuring tape 5 m
- 1 metric feeler gauge
- 1 flexible magnetic pick-up tool

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
90	T41
90	T40
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
1260	T167
1260N	T167
1262	T168
1262N	T168
96N	T168
1112	T285
1128BM	T285
1726	T285
1728BM	T285
1753	T285
1150BM	T137
1166BM	T137
1084BM	T137
1032	T145
1034	T145
1036	T145
1038	T145
35	T234
1370	T234
1390	T234
1719BMA8/S5	T236
42	
55	
111E	
362	
412/SP25	
447/C37	
666N/20	
928A/C12	
951/S14	
953	
1032	
1034	
1036	
1038	
1048N	
1051	
1092V	
1370	
1390	
1430/S5	
1500/3	
1650	
1683	
1688	
1692	
1708/13	
1712E/2	



T05 T06 T31



T40 T41 T80



T167 T168 +96N



T137 T145 T234 T236



T285

5935VI/2MB

assortment of 133 tools for tool chest C35, in EVA foam trays

► Industrial maintenance

Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15
16x17-18x19-20x22 mm
- 1 250 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17
18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 150 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ☸
- 1 Adjustable wrench 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers < 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" reversible ratchet ☸
- 1 1/4" drive swivel T-handle
- 7 screwdrivers for slotted head screws
● 2,5x50-3x75-3,5x100-4x100-5,5x125-6,5x150-8x200 mm
- 2 screwdrivers for slotted head screws, extra-short series ● 4x30-6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws ☸ PH0x60-PH0x100-PH1x80-PH1x120-
PH2x100-PH2x150-PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series ☸ PH1x30-PH2x30 mm
- 1 mains testing screwdriver ● 4x30-6,5x30 mm
- 9 ball head offset hexagon key wrenches ○
- 6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm
- 5 pin punches Ø 2-3-4-5-6 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels, ribbed type 200 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 engineer's hammer 500 g
- 1 soft face hammer Ø 45 mm
- 1 second-cut square files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 hacksaw frame, aluminium handle 440 mm

Beta N.	TR
42	MB12
55	MB12
1048N	MB12
920A	MB37
920AN/125	MB37
920AN/250	MB37
920/25	MB37
920/42	MB37
920/55	MB37
111E	MB37
1052	MB37
1084BM	MB37
1150BM	MB37
1166BM	MB37
1032	MB37
1034	MB37
1036	MB37
1038	MB37
900	MB37
900/20	MB37
900/21	MB37
900/25	MB37
900BG/30	MB37
900/55	MB37
900/42	MB37
1260	MB44
1260N	MB44
1262	MB44
1262N	MB44
1253	MB44
96BPC/SC9	MB44
951	MB44
31	MB55
32	MB55
35	MB55
1112	MB55
1128BMX	MB55
1370	MB55
1390	MB55
1719BMA...Q	MB55
1719BMA...T	MB55
1719BMA...P	MB55
1719BMA...M	MB55
1719BMA...R	MB55
1726	MB55



MB12



MB37



MB44



MB55



5957VI

Assortment of 162 tools

► Industrial maintenance

Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6
6 2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
18 combination wrenches 6-7-8-10-11-12-13-14-15-16-17-19-21-22-24-27-30-32 mm	42
12 double open end wrenches 6x7 + 30x32 mm	55/S12X
8 offset hexagon key wrenches 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96T/S8
8 offset key wrenches, for Torx® head screws Ⓢ T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40	97TX/SC8
1 Adjustable wrench 250 mm	111E
13 1/2" square drive bi-hex sockets with rail Ⓞ 10+22 mm	920B/SB13
8 1/2" square drive bi-hex sockets with rail Ⓞ 23+32 mm	920B/SB8
4 1/2" socket drivers for slotted head screws ● 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP
3 1/2" socket drivers for Phillips® screws Ⓢ PH2 - 3 - 4	920PH
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet Ⓢ	920/55
1 pry bar	963
2 circlip pliers straight, internal Ⓞ 140 - 180 mm	1032
2 circlip pliers bent, internal Ⓞ 130 - 170 mm	1034
2 circlip pliers straight, external ● 140 - 175 mm	1036
2 circlip pliers bent, external ● 135 - 175 mm	1038
1 250 mm	1048N
1 self locking pliers, double adjustment	1051
1 Heavy-duty diagonal cutting nippers ⚡ 160 mm	1084BM
1 toggle lever assisted end cutting nippers ⚡ 180 mm	1092V
1 tin snips 250 mm	1112
1 tin snip, straight narrow blades 250 mm	1114
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers ≡ 180 mm	1150BM
1 Extra-long needle nose pliers ● 160 mm	1166BM
1 Extra-long bent needle nose pliers ● 160 mm	1168BM
7 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 4x100 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
4 screwdrivers for cross head Phillips® screws Ⓢ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262
3 engineer's hammer 300 - 600 - 1000 g	1370
1 soft face hammer Ø 35 mm	1390
1 measuring tape 5 m	1692
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
1 two cutting edges scraper 200 mm	1717A
1 three - cutting edges scraper 200 mm	1717B
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1725
1 metal oil can 200 cc	1751
1 flat chisels, ribbed type 200 mm	35
1 cape chisel, ribbed type 200 mm	37
11 double ended hexagon/bi - hex offset socket wrenches 8 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 19 - 22 - 24 mm	932
1 self - locking pliers 240 mm	1052
1 self - locking pliers 280 mm	1060
1 self - locking pliers 290 mm	1062
1 dead blow hammer Ø 50 mm	1392
1 two - leg universal puller 25+130 mm	1500N/2
1 sliding gauge	1650
1 semirigid stainless steel rule 300 mm	1683
1 engineer's scriber	1688A
1 metric feeler gauge	1708/13
1 fold - away knife	1777BM
1 snap - off blade utility knife 170 mm	1771BM
1 Diagonal cutting nippers ⚡ 160 mm	1082BM

5954VI

Assortment of 133 tools

► Industrial maintenance

Quantity/Description	Beta N.
5 pin punches Ø 2-3-4-5-6 mm	31
1 centre punch Ø 4 mm	32
2 flat chisels, ribbed type 200-250 mm	35
18 combination wrenches 6÷14 - 16 - 17 - 18 19 - 21 - 22 - 24 - 27 - 30 mm	42
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55
12 offset hexagon key wrenches Ø 2÷10 mm	96/SC12
1 Adjustable wrench 250 mm	111E
1 pipe wrench Swedish pattern 320 mm	374
20 1/2" square drive hexagon sockets Ø 10÷24 - 26 - 27 - 28 - 30 - 32 mm	920A
6 1/2" drive, socket drivers for hexagon screws Ø 5 - 6 - 8 - 10 - 12 - 14 mm	920ME
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive swivel T-handle	920/40
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet	920/55
6 T-handle wrenches with hexagon male ends Ø 2,5 - 3 - 4 - 5 - 6 - 8 mm	951
2 circlip pliers straight, internal Ø 140 - 180 mm	1032
1 circlip pliers bent, internal Ø 170 mm	1034
2 circlip pliers straight, external Ø 140x1,3 - 175 mm	1036
1 circlip pliers bent, external Ø 175 mm	1038
1 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 Heavy-duty diagonal cutting nippers 160 mm	1084BM
1 toggle lever assisted end cutting nippers 180 mm	1092V
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers 180 mm	1150BM
1 Extra-long needle nose pliers 160 mm	1166BM
1 mains testing screwdriver	1253
2 screwdrivers for slotted head screws Ø 8x150 - 10x200 mm	1260
2 screwdrivers for slotted head screws, extra-short series Ø 4x30 - 6,5x30 mm	1260N
2 screwdrivers for cross head Phillips® screws PH3x150 - PH4x200 mm	1262
2 screwdrivers for cross head Phillips® screws, extra - short series PH1x30 - PH2x30 mm	1262N
8 set of screwdrivers	1263/D8
2 engineer's hammer 300 - 500 g	1370
1 soft face hammer Ø 45 mm	1390
1 measuring tape 5 m	1692
1 flexible magnetic pick-up tool 0,5 kg	1712E/1
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1726BM
1 plastic oil can 250 cc	1754



5954VI

059541053

Assortment recommended in combination with C54S-C55C



5904VU/1M

assortment of 90 tools in EVA foam trays

► Universal use

Quantity/Description

- 16 combination wrenches 6÷21 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 6 drivers for Torx® head screws \odot T8-T10-T15-T20-T25-T30
- 3 screwdrivers for slotted head screws \bullet 3x75-4x100-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws \oplus PH0x60-PH1x80-PH2x100 mm
- 8 offset hexagon key wrenches \odot 2-2,5-3-4-5-6-7-8 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \odot
- 19 1/2" square drive hexagon sockets \odot 10÷24 - 26 - 27 - 30 - 32 mm
- 1 Heavy-duty diagonal cutting nippers ∇ 160 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer \varnothing 35 mm
- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm

Beta N.	TR
42	M05
55	M33
96/SC9	M33
126/7TX	M204
1260	M201
1262	M201
96T	M50
920AN/125	M83
920AN/250	M83
920/25	M83
920/42	M83
920/55	M83
920A	M83
1084	M137
1150	M137
1166	M137
1048N	M153
1052	M153
35	M234
1370	M234
1390	M234
1032	M145
1034	M145
1036	M145
1038	M145

5904VU/1M

059041201

Assortment recommended in combination with RSC51 - RSC24 - RSC24A - RSC24XL - C37 - C39 with 6 - 7 - 8 drawers
RSC23T - C39T - RSC24L - RSC24L-CAB - C59 RSC55 - RSC28 - C39SM - C39MD

5904VU/2M

assortment of 144 tools in EVA foam trays

► Universal use

Quantity/Description

- 16 combination wrenches 6÷21 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 3 screwdrivers for slotted head screws \bullet 3x75-4x100-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws \oplus PH0x60-PH1x80-PH2x100 mm
- 6 drivers for Torx® head screws \odot T8-T10-T15-T20-T25-T30
- 8 offset hexagon key wrenches \odot 2-2,5-3-4-5-6-7-8 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \oplus
- 19 1/2" square drive hexagon sockets \odot 10÷24 - 26 - 27 - 30 - 32 mm
- 1 Heavy-duty diagonal cutting nippers ∇ 160 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 mechanic's hammers 300 g
- 1 nylon face hammers, wooden shafts \varnothing 35 mm
- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm
- 1 measuring tape 5 m
- 1 mini hacksaw frame
- 1 plastic oil bottle 30 cc
- 1 snap - off blade utility knife
- 5 bits for slotted head screws, coloured \bullet 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 8 hexagon bits for power drivers, coloured \odot 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 bits for cross head Phillips® screws, coloured \oplus PH0 - PH1 - PH2 - PH3 - PH4
- 4 bits for cross head Pozidriv® - Supadriv® screws, coloured \oplus PZ1 - PZ2 - PZ3 - PZ4
- 11 bits for Torx® head screws, coloured \odot T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 8 bits for Tamper Resistant Torx® head screws, coloured \oplus T9-T10-T15-T20-T25-T27-T30-T40
- 1 magnetic bit holder with handle 230 mm
- 1 reversible bit ratchet 100 mm
- 5 second cut files 200 mm
- 1 adaptors for drivers
- 1 magnetic bit holder extension bar

Beta N.	TR
42	M05
55	M33
96/SC9	M33
1260	M201
1262	M201
1267TX	M204
96T	M50
920AN/125	M83
920AN/250	M83
920/25	M83
920/42	M83
920/55	M83
920A	M83
1084	M137
1150	M137
1166	M137
1048N	M153
1052	M153
35	M237
1370T	M237
1390N	M237
1032	M145
1034	M145
1036	M145
1038	M145
VPM3	VPM3
1692	M289
1725CR	M289
1755	M289
1771	M289
860LP	M85
860PE	M85
860PH	M85
860PZ	M85
860TX	M85
860RTX	M85
851SR	M85
860/55	M85
1719BMA8/S5	M236
892/0	M85
882P	M85



5904VU/2M

059041212

Assortment recommended in combination with RSC24 - RSC24A - C37 - C39
RSC24L - RSC24L-CAB - C59 - C23 -RSC28 -C39SM - C39MD -C39T RSC55

5904VU/2T

assortment of 104 tools in ABS thermoformed trays

► Universal use

Quantity/Description

- 7 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125
5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19
20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet ⊕
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers † 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15
16x17-18x19-20x22 mm
- 9 offset hexagon key wrenches ○ 1,5+10 mm
- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17
18-19-20-21 mm
- 5 combination wrenches 22-24-27-30-32 mm
- 1 electrician's scissors, straight blades
- 1 Multiuse scissors
- 1 second-cut square files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 blades for hacksaw
- 1 snap - off blade utility knife 170 mm
- 1 foldaway knife 185 mm

Beta N.	TR
1260	T199
1262	T202
920A	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
1032	T145
1034	T145
1036	T145
1038	T145
1048N	T153
1052	T153
1084	T138
1150	T138
1166	T138
35	T234
1370	T234
1390	T234
951	T68
55	T33
96/SC9	T33
42	T05
42	T06
1128BMX	T284
1130BMX	T284
1719BMA...Q	T284
1719BMA...P	T284
1719BMA...T	T284
1719BMA...M	T284
1719BMA...R	T284
1726BM	T284
1728BM	T284
1771BM	T284
1778	T284



T199 T202 T83



T145 T153 T138 T234



T68 T33 T05 T06



T284

5904VU/3T

assortment of 146 tools in ABS thermoformed trays

► Universal use

Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 6 offset hexagon key wrenches \odot 2 - 2,5 - 3 - 4 - 5 - 6 mm
- 6 drivers for Torx® head screws, with handles \odot T10-T15-T20-T25-T27-T30
- 5 1/2" drive, socket drivers for hexagon screws \odot 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \oplus
- 19 1/2" square drive hexagon sockets \odot 10÷24 - 26 - 27 - 30 - 32 mm
- 13 1/4" hexagon sockets \odot 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 6 1/4" socket drivers for hexagon screws \odot 2,5-3-4-5-6-8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" reversible ratchet \oplus
- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 1 Heavy-duty diagonal cutting nippers \sphericalangle 160 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 4 screwdrivers for slotted head screws \bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Pozidriv®-Supadriv® screws \oplus PZ0 - PZ1 - PZ2
- 7 drivers for Torx® head screws \odot T6-T7-T8-T9-T10-T15-T20
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 5 second cut files 200 mm

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
96T	T52
97TTX	T55
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91
900/55	T91
1032	T145
1034	T145
1036	T145
1038	T145
1150	T138
1166	T138
1084	T138
1048N	T153
1052	T153
1260	T198
1269PZ	T198
1267TX	T205
35	T234
1370	T234
1390	T234
1719BMA&S5	T236



T05 T06 T31



T52 T55 T80



T91 T145 T138 T153



T198 T205 T234 T236

5904VU/4T

assortment of 197 tools in ABS thermoformed trays

► Universal use

Quantity/Description

- 1 drift punches Ø 4 mm
- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 54 assortment of 52 hexagon bits, 10 mm, and 2 accessories
- 17 combination wrenches 6-7-8-10-11-12-13-14-16-17-18-19-21-22-24-27-30 mm
- 7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet Ⓢ
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 6 1/4" socket drivers for hexagon screws ○ 2,5-3-4-5-6-8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" reversible ratchet Ⓢ
- 1 Diagonal cutting nippers † 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Slip joint pliers boxed joints 250 mm
- 7 screwdriver for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdriver for cross head Phillips® screws ⦿ PH0x60 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
- 7 screwdrivers for Torx® head screws, with handles ⦿ T6-T7-T8-T9-T10-T15-T20
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 7 ball head offset hexagon key wrenches burnished ○ 2,5-3-4-5-6-8-10 mm
- 1 offset hexagon key wrenches ○ 12 mm
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⦿ ⦿ ⦿ ⦿
- 1 socket holder

Beta N.	TR
	30
	31
	32
867/C52	
42	T01
90	T40
920A	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91
900/55	T91
1082	T156
1150	T156
1048	T156
1201E	T211
1202E	T213
1207E/TX	T216
35	T234
1370	T234
1390	T234
96BP	T259
96N	T259
860MX/A31	T259
895/1	T259



T01

T83



T91

T156

T40

T211



T213

T216

T234

T259



5908VU/2T

assortment of 161 tools in ABS thermoformed trays

► Universal use

Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17
18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 6 offset hexagon key wrenches ○ 2-2,5-3-4-5-6 mm
- 6 drivers for Torx® head screws, with handles ○ T10-T15-T20-T25-T27-T30
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 5 1/2" drive, socket drivers for hexagon screws ○ 5-6-8-10-12 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet Ⓢ
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 6 1/4" socket drivers for hexagon screws ○ 2,5-3-4-5-6-8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" reversible ratchet Ⓢ
- 1 Heavy-duty diagonal cutting nippers ⚗ 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 7 screwdrivers for cross head Phillips® screws ● 2,5x50-3x75-3,5x100-4x125-5,5x100-5,5x150-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ● 8x150-8x200-10x200 mm
- 2 screwdriver for slotted head screws, extra-short series ● 4x30-6,5x30 mm
- 6 screwdrivers for cross head Phillips® screws ⚙ PH0x60-PH0x100-PH1x80-PH1x120-PH2x100-PH2x150 mm
- 2 screwdrivers for cross head Phillips® screws ⚙ PH3x150-PH4x200 mm
- 2 screwdriver for cross head Phillips® screws, extra-short series ⚙ PH1x30-PH2x30 mm
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 second-cut square files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
90	T40
96T	T52
97TTX	T55
920A	T82
920ME	T82
920AN/125	T82
920AN/250	T82
920/25	T82
920/42	T82
920/55	T82
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91
900/55	T91
1084	T138
1150	T138
1166	T138
1032	T145
1034	T145
1036	T145
1038	T145
1048N	T153
1052	T153
1290	T170
1290	T171
1290N	T171
1292	T172
1292	T173
1292N	T173
35	T234
1370	T234
1390	T234
1719BMA...Q	T236
1719BMA...T	T236
1719BMA...P	T236
1719BMA...M	T236
1719BMA...R	T236
VP4	



T05 T06 T31



T40 T52 T55 T91



T82 T138 T153



T145 T170 T171 T172



T173 T234 T236 VP4

5914VU/M

assortment of 109 tools for trolley C14, in EVA foam trays

► Universal use

Quantity/Description

- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊕ ⊕ ⊕
- 1 socket holder
- 13 1/4" hexagon sockets ○ 4-4,5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⊕
- 16 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
- 1 1/2" drive universal joint
- 1 1/2" wobble extension bar
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 9 offset hexagon key wrenches ○
- 1 Adjustable wrench 250 mm
- 1 electrician's scissors, straight blades
- 1 measuring tape 5 mt
- 1 snap - off blade utility knife
- 1 slip joint pliers 250 mm
- 1 Diagonal cutting nippers ⚡ 160 mm
- 1 half-round needle nose pliers ≡ 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 3 screwdrivers for slotted head screws ● 3,5x100-5,5x125-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ⊕ PH0x60-PH1x80-PH2x100 mm

Beta N.	TR
860MX/A31	MCT1
895/1	MCT1
900	MCT1
900/...	MCT1
900/25	MCT1
900BG/30C	MCT1
900/42	MCT1
900/55	MCT1
920A	MCT1
920/25	MCT1
920AN/125	MCT1
920/42	MCT1
920/55	MCT1
42	MCT2
96/SC9	MCT2
111E	MCT2
1128BMX	MCT2
1692/5	MCT2
1771	MCT2
1048N	MCT3
1082BM	MCT3
1150BM	MCT3
1166BM	MCT3
1260	MCT3
1262	MCT3



MC T1



MC T2



MC T3

5988U/7M

assortment of 215 tools in EVA foam trays

► Universal use

Quantity/Description



M01



M100



M213



M33

M86

M136

M234

- 22 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 9 offset hexagon key wrenches \odot 1,5+10 mm
- 7 hexagon bits \odot 4-5-6-7-8-10-12 mm
- 7 hexagon bits \odot 4-5-6-7-8-10-12 mm
- 5 bits with XZN[®] profile \odot 5-6-8-10-12 mm
- 5 bits with XZN[®] profile \odot 5-6-8-10-12 mm
- 7 bits for Torx[®] head screws \odot T20-T25-T30-T40-T45-T50-T55
- 6 bits for Torx[®] head screws \odot T25-T30-T40-T45-T50-T55
- 7 bits for Tamper Resistant Torx[®] head screws \odot T20-T25-T30-T40-T45-T50-T55
- 1 bit holder sockets for item 867
- 1 bit holder sockets for item 867
- 1 socket holder
- 1 socket holder
- 1 socket holder
- 13 1/4" hexagon sockets \odot 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series \odot 5-6-7-8-9-10-11-12-13 mm
- 5 1/4" socket drivers for hexagon screws \odot 3-4-5-6-7 mm
- 4 socket drivers for slotted head screws \bullet 0,8x4-1x5,5-1,2x6,5-1,2x8 mm
- 4 socket drivers for cross head Phillips[®] screws \oplus PH1-PH2-PH3-PH4
- 7 socket drivers for Torx[®] head screws \odot T10-T15-T20-T25-T27-T30-T40
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 100 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet \oplus
- 21 1/2" square drive hexagon sockets \odot 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 1 adaptor, 1/2" female and 3/8" male drives
- 1 1/2" drive universal joint
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \oplus
- 8 1/2" sockets for Torx[®] head screws \odot 10-12-14-16-18-20-22-24 mm
- 11 hexagon hand sockets \odot 10-12-13-14-15-16-17-18-19-21-22
- 1 Heavy-duty diagonal cutting nippers \angle 160 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 6 screwdriver for slotted head screws \bullet 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm
- 1 screwdriver for slotted head screws, extra-short series \bullet 4x30 mm
- 4 screwdriver for cross head Phillips[®] screws \oplus PH0x60-PH1x80-PH2x100-PH3x150 mm
- 1 screwdriver for cross head Phillips[®] screws, extra-short series \oplus PH1X30 mm
- 12 screwdrivers for Torx[®] head screws, with handles \odot T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45
- 1 mains testing screwdriver \bullet
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer \emptyset 35 mm

Beta N.	TR
42	M01
55	M33
96/SC9	M33
867PE	M86
867PE/L	M86
867XZN	M86
867XZNL	M86
867TX	M86
867TXL	M86
867RTX	M86
867/1	M86
867/2	M86
895/1	M100
895/3	M100
895/6	M100
900	M100
900L	M100
900ME	M100
900LP	M100
900PH	M100
900TX	M100
900/20	M100
900/20L	M100
900/21	M100
900/25	M100
900BG/30	M100
900/42	M100
900/55	M100
920A	M100
920/15	M100
920/25	M100
920AN/125	M100
920AN/250	M100
920/42	M100
920/55	M100
920/55	M100
920FTX	M100
920AL	M100
1084BM	M136
1150BM	M136
1166BM	M136
1201E	M213
1201EN	M213
1202E	M213
1202EN	M213
1207E/TX	M213
1253	M213
35	M234
1370	M234
1390	M234



5915VU/0

Assortment of 35 tools

► Universal use

Quantity/Description

- 1 centre punch 4 mm
- 1 flat chisels, ribbed type 125 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 7 Offset hexagon key wrenches \odot 1,5-2-2,5-3-4-5-6 mm
- 1 Adjustable wrench 150 mm
- 1 slip joint pliers 250 mm
- 1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish \ddagger 160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish \equiv 180 mm
- 1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish \bullet 160 mm
- 4 screwdriver for slotted head screws \bullet 3x75-4x100-5,5x100-6,5x150 mm
- 3 screwdriver for cross head Phillips® screws \oplus PH0x60-PH1x80-PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 3 m
- 1 snap - off blade utility knife 18 mm
- 1 car service knife
- 1 high-brightness LED torch, made of sturdy anodized aluminium, up to 500 lumens

Beta N.

- 32
- 35
- 55
- 96/BGS7
- 111E
- 1048N
- 1082G
- 1128BMX
- 1150G
- 1166G
- 1201E
- 1202E
- 1370
- 1692/3
- 1771
- 1778SOS
- 1833S

5915VU/0

059151021

Assortment recommended in combination with C4 - C5 - C5S - C6T



5915VU/1

Assortment of 45 tools

► Universal use

Quantity/Description

- 2 drift punches \varnothing 2-3 mm
- 1 centre punch \varnothing 4 mm
- 2 flat chisels 125-150 mm
- 1 cape chisels, standard type 150 mm
- 14 combination wrenches 6+14 - 17 - 19 - 21 - 22 - 24 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 Adjustable wrench 250 mm
- 1 slip joint pliers 250 mm
- 1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish \ddagger 160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish \equiv 180 mm
- 1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish \bullet 160 mm
- 4 screwdriver for slotted head screws \bullet 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 5 m
- 1 snap - off blade utility knife

Beta N.

- 30
- 32
- 34
- 36
- 42
- 96/SC9
- 111E
- 1048N
- 1082G
- 1128BMX
- 1150G
- 1166G
- 1201E
- 1202E
- 1370
- 1692
- 1771

5915VU/1

059151024

Assortment recommended in combination with C8 - C9 - C10 - C10S - C11 - CP15 - CP15L - C16 - CP17 - CP17L - C18



5915VU/2

Assortment of 49 tools

► Universal use

Quantity/Description

- 8 6x7 - 8x9 - 10x11 - 12x13 - 14x15
16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 13 1/4" hexagon sockets \odot 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet \odot
- 1 slip joint pliers 250 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers,
slip-proof double layer PVC coated handles,
industrial finish \equiv 180 mm
- 4 screwdriver for slotted head screws \bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 3 m
- 1 plastic oil bottle 30 cc
- 1 snap - off blade utility knife 18 mm

- | Beta N. |
|----------|
| 55/B8N |
| 96/SC9 |
| 900 |
| 900/21 |
| 900/25 |
| 900BG/30 |
| 900/42 |
| 900/55 |
| 1048N |
| 1128BMX |
| 1150G |
| 1201E |
| 1202E |
| 1370 |
| 1692 |
| 1755 |
| 1771 |

5915VU/2

059151027

Assortment recommended in combination with C7 - CP15 - C20 - C20L



5915VU/3

assortment of 74 tools

► Universal use

Quantity/Description

- 1 pin punches \varnothing 4 mm
- 1 centre punch \varnothing 4 mm
- 1 flat chisels 150 mm
- 14 combination wrenches 6-7-8-10-11-12-13-14-15-16-17-19-22-24 mm
- 9 offset hexagon key wrenches \odot 1,5+10 mm
- 3 offset hexagon key wrenches \odot 4 - 5 - 6 mm
- 1 Adjustable wrench 250 mm
- 13 1/2" square drive hexagon sockets \odot 8+17 - 19 - 22 - 24 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \odot
- 8 double ended hexagon tubular socket wrenches, light series
6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 2 tommy bars for tubular wrenches
- 1 Slip joint pliers, boxed joints 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers,
slip-proof double layer PVC coated handles,
industrial finish \neq 160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers,
slip-proof double layer PVC coated handles,
industrial finish \equiv 180 mm
- 1 extra-long needle knurled nose pliers,
slip-proof double layer PVC coated handles,
industrial finish \bullet 160 mm
- 4 screwdriver for slotted head screws \bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 400 g
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil bottle 150 cc
- 1 snap - off blade utility knife

- | Beta N. |
|---------|
| 31 |
| 32 |
| 34 |
| 42 |
| 96/SC9 |
| 96T |
| 111E |
| 920A |
| 920/21 |
| 920/22 |
| 920/25 |
| 920/42 |
| 920/55 |
| 935 |
| 940 |
| 1048VN |
| 1052 |
| 1084G |
| 1128BMX |
| 1150G |
| 1166G |
| - |
| 1201E |
| 1202E |
| 1370 |
| 1692 |
| 1726 |
| 1755 |
| 1771 |

5915VU/3

059151028

Assortment recommended in combination with C7 - C9 - C10 - C10S - C11 - CP15L - C16 - CP17 - CP17L - C19 - C19L - C20 - C20L



5915VU/4

Assortment of 80 tools

► Universal use

Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 15 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-19-22-24 mm
- 9 offset hexagon key wrenches \odot 1,5+10 mm
- 1 Adjustable wrench 250 mm
- 13 1/2" square drive hexagon sockets \odot 8+17 - 19 - 22 - 24 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \otimes
- 17 double ended hexagon/bi - hex offset socket wrenches 6+22 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish \ddagger 160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, bi-material handles, industrial finish \equiv 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish \bullet 160 mm
- 4 screwdriver for slotted head screws \bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm
- 1 riveting hammer 32 mm
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil bottle 150 cc
- 1 snap - off blade utility knife

Beta N.

- 31
- 32
- 34
- 42
- 96/SC9
- 111E
- 920A
- 920/22
- 920/25
- 920/42
- 920/55
- 932/S17
- 1048N
- 1052
- 1084GBM
- 1128BMX
- 1150GBM
- 1166GBM
- 1201E
- 1202E
- 1370F
- 1692
- 1726
- 1755
- 1771

5915VU/4

059151045

Assortment recommended in combination with C20 - C20L



5915VU/5

assortment of 111 tools

► Universal use

Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 17 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 9 ball head offset hexagon key wrenches \odot
- 1 Adjustable wrench 250 mm
- 39 11 hexagon sockets, 20 bits and 8 accessories
- 13 11 sockets and 2 accessories
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish \ddagger 160 mm
- 1 construction worker's pincers 220 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish \equiv 180 mm
- 1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish \bullet 160 mm
- 4 screwdriver for slotted head screws \bullet 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 3 m
- 1 second cut files
- 1 hacksaw frame, aluminium handle 440 mm
- 1 snap - off blade utility knife 18 mm
- 1 LED inspection torch, made of sturdy anodized aluminium

Beta N.

- 31
- 32
- 34
- 42
- 55/S8
- 96BPC/SC9
- 111E
- 900/C11
- 920A/C11
- 1048N
- 1052
- 1082G
- 1098
- 1128BMX
- 1150G
- 1166G
- 1201E
- 1202E
- 1370
- 1390
- 1692/3
- 1719BMA8/M
- 1726
- 1771BM
- 1833XS/2

5915VU/5

059151046

Assortment recommended in combination with C12 - C41S - C41H - C42S - C42H

5915VU/AS

assortment of 68 tools

► Universal use

Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 13 combination wrenches 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1"
- 8 double ended offset ring wrenches 1/4"+1"
- 9 offset hexagon key wrenches, burnished ○ 3/64"+3/8"
- 1 Adjustable wrench 250 mm
- 11 1/2" square drive bi - hex sockets ○ 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1"
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ≡ 160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm
- 4 screwdriver for slotted head screws ● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil bottle 150 cc
- 1 snap - off blade utility knife

Beta N.

- 31
- 32
- 34
- 42AS
- 90AS/8
- 96AS/SC9
- 111E
- 920AS
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55
- 1048N
- 1052
- 1084GBM
- 1128BMX
- 1150GBM
- 1166GBM
- 1201E
- 1202E
- 1370
- 1692
- 1726
- 1755
- 1771

5915VU/AS

059151032

Assortment recommended in combination with C10 - C20 - C20L

5927VU/M

assortment of 108 tools in EVA foam trays

► Universal use

Quantity/Description

- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 1 Heavy-duty diagonal cutting nippers ≡ 160 mm
- 9 offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 1 half-round needle nose pliers ≡ 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 3 screwdriver for slotted head screws ● 3,5x100-5,5x150-6,5x150 mm
- 3 screwdriver for cross head Phillips® screws ⊕ PH0x3x60-PH1x4,5x80-PH2x6x100 mm
- 31 bits with magnetic quick release bit holder in plastic case ○ ● ⊕ ⊕ ⊕ ⊕
- 1 slip joint pliers 250 mm
- 1 engineer's hammer 300 mm
- 1 centre punch 4 mm
- 1 cape chisels, standard type 4 mm
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⊕
- 16 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
- 1 1/2" drive universal joint
- 1 1/2" wobble extension bar 125 mm
- 1 1/4" drive swivel T-handle
- 1 1/2" drive reversible ratchet ⊕
- 1 socket holder

Beta N. TR

- 42 MC10
- 1084BM MC10
- 96/SC9 MC10
- 1150BM MC10
- 1166BM MC10
- 1201E MC10
- 1202E MC10
- 860MIX/A31 MC20
- 1048N MC20
- 1370 MC20
- 32 MC20
- 36 MC20
- 900 MC20
- 900/21 MC20
- 900/25 MC20
- 900BG/30C MC20
- 900/42 MC20
- 900/55 MC20
- 920A MC20
- 920/25 MC20
- 920AN/125 MC20
- 900/42 MC20
- 920/55 MC20
- 895/1 MC20

5927VU/M

059271021

Assortment recommended in combination with RSC22 - C27S - RSC23 - RSC23C

5938U/2T

assortment of 210 tools in ABS thermoformed trays

► Universal use

Quantity/Description

- 7 screwdriver for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125
5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdriver for cross head Phillips® screws ⊕ PH0x60-PH1x80-PH1x120-PH2x100-PH2x150-
PH3x150 mm
- 7 screwdrivers
for Torx® head screws, with handles ⊙ T6-T7-T8-T9-T10-T15-T20
- 1 circlip pliers straight, internal ⊙ 180 mm
- 1 circlip pliers bent, internal ⊙ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers ⚡ 160 mm
- 1 half-round needle nose pliers ≡ 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 reversible ratcheting wrench for bits 1/4x5/16
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" reversible ratchet ⊕ 125 mm
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" drive spinner handle 176 mm
- 1 1/4" drive universal joint 41 mm
- 1 1/4" drive extension bar 150 mm
- 1 magnetic bit holder with handle 230 mm
- 5 bits for Spanner screws ⊕ 4-6-8-10-12 mm
- 8 bits for Torq-Set® head screws ⊕ 0-1-2-3-4-5-6-8 mm
- 6 bits for Tri-Wing® head screws ● 1-2-3-4-5-6 mm
- 8 bits for Tamper Resistant Torx® head screws ⊕ T9-T10-T15-T20-T25-T27-T30-T40
- 11 bits for Torx® head screws ⊙ T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 3 bits for cross head Pozidriv®-Supadriv® screws ⊕ PZ1 - PZ2 - PZ3
- 4 bits for cross head Phillips® screws ⊕ PH0 - PH1 - PH2 - PH3
- 8 hexagon bits for power drivers ○ 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 7 bits for slotted head screws ● 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 - 1,2x8 - 1,6x8 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 5 m
- 1 mini hacksaw frame
- 1 plastic oil bottle
- 1 snap - off blade utility knife
- 19 1/2" square drive hexagon sockets
○ 10 - 11 - 12+19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 30 - 32 mm
- 5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 1 centre punch Ø 4 mm
- 6 pin punches with handles 2-3-4-5-6-8 mm
- 17 combination wrenches 6-7-8-10-11-12-13-14-16-17-18-19-21-22-24-27-30 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches ○
- 6 T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm
- 5 second cut files 200 mm
- 11 offset hexagon key wrenches ○ 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 - 6 mm
- 4 thermoformed trays, empty
- 4 thermoformed trays, empty
- 4 thermoformed trays, empty

Beta N.	TR
1201E	T211
1202E	T213
1207E/TX	T216
1032	T145
1034	T145
1036	T145
1038	T145
1048N	T153
1052	T153
1084BM	T137
1150BM	T137
1166BM	T137
194	T85
900	T85
900/55	T85
900/42	T85
900BG/30	T85
900/25	T85
900/21	T85
851SR	T85
861SP	T85
861TQS	T85
861TRW	T85
861RTX	T85
861TX	T85
861PZ	T85
861PH	T85
861PE	T85
861LP	T85
35	T234
1370	T234
1390	T234
1692	T289
1725CR	T289
1755	T289
1771	T289
920A	T80
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
32	T239
31BM	T239
42	T01
55	T33
96/SC9	T33
951	T68
1719BMA8/S5	T236
96T	T50
VP-3SC	VP-3SC
VP-LS	VP-LS
VP-LD	VP-LD



5938U/2T

059381062

Assortment recommended in combination with C38



5957U-P

assortment of 133 tools

► Universal use

Quantity/Description

Beta N.

6	pin punches 2 ÷ 8 mm	31/SP6
6	2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
17	combination wrenches 6÷22 - 24 - 27 - 30 - 32 mm	42/S17X
12	double open end wrenches 6x7 ÷ 30x32 mm	55/S12X
8	offset hexagon key wrenches 2 ÷ 10 mm	96T/S8
8	offset key wrenches, for Torx® head screws ⚙ T9 ÷ T40	97TX/SC8
1	Adjustable wrench 250 mm	111E
13	1/2" square drive hexagon sockets with rail ⌀ 10 ÷ 22 mm	920A/SB13
8	1/2" square drive hexagon sockets with rail ⌀ 23 ÷ 32 mm	920A/SB8
7	socket drivers for cross head Phillips® screws ●	920LH/SB7
	⚙ 1,2x65 - 1,2x8 - 1,6x9 - 2x12mm - PH1-PH2-PH3	
1	circlip pliers straight, internal ⌀ 180 mm	1032
1	circlip pliers bent, internal ⌀ 170 mm	1034
1	circlip pliers straight, external ● 175 mm	1036
1	circlip pliers bent, external ● 175 mm	1038
1	slip joint pliers 250 mm	1048N
1	self - locking pliers 240 mm	1052
1	tin snips 250 mm	1112
1	electrician's scissors, straight blades	1128BMX
8	set of screwdrivers 2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - PH0 - PH1 - PH2	1263/D8
2	engineer's hammer 300 - 600 g	1370
1	soft face hammer 35	1390
1	measuring tape 5 m	1692/5
1	flexible magnetic pick-up tool	1712E/2
1	two cutting edges scraper 200 mm	1717A
1	three - cutting edges scraper 200 mm	1717B
5	second cut files 200 mm	1719BMA8/S5
1	Metal pressure oil can 200 cc	1751N
1	snap - off blade utility knife	1771BM
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 250 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" drive reversible ratchet ⚙	920/55
1	pry bar	963
1	Diagonal cutting nippers ⚡ 160 mm	1082BM
1	Heavy-duty diagonal cutting nippers ⚡ 160 mm	1084BM
1	toggle lever assisted end cutting nippers ⚡ 180 mm	1092V
1	half-round needle nose pliers = 180 mm	1150BM
1	Extra-long needle nose pliers ● 160 mm	1166BM
1	Extra-long bent needle nose pliers ● 160 mm	1168BM
2	screwdrivers for slotted head screws ● 8x200 - 10x200 mm	1260
1	screwdrivers for cross head Phillips® screws ⚙ PH3 8x150mm	1262
1	sliding gauge	1650
1	hacksaw frame, aluminium handle 420 mm	1725

5957U-P

059571004

Assortment recommended in combination with C57S A - C57S B - C57SP - C55PS - C55PSE - RSC55



5958U

Assortment of 85 tools

► Universal use

Quantity/Description	Beta N.
17 combination wrenches 6+22 mm	42
12 offset hexagon key wrenches \varnothing 2+10 mm	96N/SC12
13 1/2" square drive hexagon sockets with rail \varnothing 10+22 mm	920A/SB13
8 1/2" square drive hexagon sockets with rail \varnothing 23+32 mm	920A/SB8
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet \oplus	920/55
1 circlip pliers straight, internal \varnothing 180 mm	1032
1 circlip pliers straight, external \bullet 175 mm	1036
1 slip joint pliers 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 Heavy-duty diagonal cutting nippers ∇ 160 mm	1084BM
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers \equiv 180 mm	1150BM
1 Extra-long needle nose pliers \bullet 160 mm	1166BM
7 screwdrivers for slotted head screws \bullet 3x75 - 3,5x100 - 4x125 5,5x150 - 6,5x150 - 8x200 - 10x200 mm	1260
4 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 PH2x100 - PH3x150 mm	1262/S4
1 engineer's hammer 300 g	1370
1 soft face hammer \varnothing 35 mm	1390
1 measuring tape 5 m	1692
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1 hacksaw frame, aluminium handle	1725
1 plastic oil can 150 cc	1754
1 snap - off blade utility knife	1771

5958U

059581008

Assortment recommended in combination with C58P - C45PRO RSC55



5990V1

assortment of 44 tools for tool case COMBO C99V1, in EVA foam tray

► Universal use

Quantity/Description

- 9 ball head offset hexagon key wrenches ○
- 1 snap - off blade utility knife 18 mm
- 1 slip joint pliers 250 mm
- 6 set of 2 drift punches, 1 centre punch, 2 flat chisels and 1 cape chisel in roll-up wallet made of polyester
- 3 screwdrivers for slotted head screws ● 3,5x100-5,5x125-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ⊕ PH0x60-PH1x80-PH2x100 mm
- 1 electrician's scissors, straight blades
- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 1 measuring tape 5 mt
- 1 engineer's hammer 300 g
- 1 diagonal cutting nippers, bi-material handles, industrial finish ✂ 160 mm
- 1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm

Beta N.

- 96BPC/SC9
- 1771
- 1048N
- 38/B6N
- 1260
- 1262
- 1128BMX
- 42
- 1692/5
- 1370
- 1082GBM
- 1150GBM

5990V1

059900001

Assortment recommended in combination with C99V1



5990V3

assortment of 116 tools for tool case COMBO C99V3/2C, in EVA foam tray

► Car repairs

Quantity/Description

- 5 offset hexagon key wrenches
- 1 Adjustable wrench 250 mm
- 1 1/4" drive spinner handle
- 1 mains testing screwdriver ●
- 1 Pocket spirit level with magnetic V-shaped base
- 1 LED inspection torch,
- made of sturdy anodized aluminium
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊕ ⊕ ⊕
- 1 socket holder
- 12 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 100 mm
- 1 1/4" drive swivel T-handle
- 1 1/4" drive reversible ratchet, 72 tooth mechanism ⊗
- 38 microscrewdriver with 36 interchangeable 4-mm bits and magnetic extension
- 1 soft face hammer Ø 35mm
- 1 1/4" drive universal joint
- 13 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊗

Beta N.

- 96T/S5P
- 111E
- 900BG/30
- 1253
- 1695XS
- 1833XS/2
- 860MIX/A31
- 895
- 900
- 900/20
- 900/20L
- 900/42
- 900/55Z
- 1256/C36-2
- 1390
- 900/25
- 920A
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55

5990V3

059900003

Assortment recommended in combination with C99V3/2C





5980U/BIKE

assortment of 90 tools

► Bicycle repairs

Quantity/Description	Beta N.
5 combination wrenches 8-9-10-13-14 mm	42
9 ball head offset hexagon key wrenches burnished ○ 1,5-2-2,5-3-4-5-6-8-10 mm	96BP/SC9
8 offset hexagon key wrenches 2-2,5-3-4-5-6-8-10 mm	96T/S8
8 drivers for Torx® head screws, with handles ⊕ T8-T10-T15-T20-T25-T27-T30-T40	97TTX/S8
1 Wide opening adjustable wrenches, chrome-plated, short series 170 mm	111CM
1 pipe cutter for copper and light alloy pipes	334
1 click-type torque wrenches with reversible ratchets 2+10 Nm	605E
13 ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900/SB13
1 1/4" drive extension bar	900/21
1 1/4" drive universal joint	900/25
1 1/4" reversible ratchet Ⓢ	900/55
1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish ▽ 160 mm	1082G
1 electrician's scissors, straight blades 145 mm	1128BM
1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish ▬ 180 mm	1150G
1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish ● 180 mm	1166G
7 3x75-4x125-5,5x150-6,5x150-PH0x60-PH1x80-PH2x100 mm	1203E/D
1 engineer's hammer 300 g	1370
1 soft face hammer Ø 35 mm	1390
1 sliding gauge 150 mm	1650
1 measuring tape 3 m	1692/3
1 second-cut flat files 200 mm	1719BMA...P
1 second-cut half-round files 200 mm	1719BMA...M
1 second-cut round files 200 mm	1719BMA...R
1 hacksaw frame, aluminium handle 300 mm	1725
1 snap - off blade utility knife	1771
1 chain wear indicator 120 mm	3935
1 missing link pliers 170 mm	3937
7 set of 7 simple cone wrenches 13-14-15-16-17-18-19 mm	3952/S7
1 pedal wrench 15 mm	3953
1 spoke wrench, black, 3.2 mm □	3961 3,2
1 spoke wrench, green, 3.3 mm □	3961 3,3
1 spoke wrench, red, 3.5 mm □ 3	3961 3,5
1 professional spoke wrench, 3.2 - 4.0 mm □ 3,2 - 4,0 mm	3961U
1 sprocket removal wrench with chain whip 289 mm	3967
1 tyre lever 200 mm	3969
3 kit with 3 tyre levers, made of plastic 113 mm	3969K3
1 lever for pushing back disc brake pads 222 mm	3991
1 disc brake straightener 234 mm	3992



5980U/BIKE

059801040

Assortment recommended in combination with C16 - CP17 - CP17L - C20L

5988H/7M

assortment of 333 tools in EVA foam trays

► Car repairs

Quantity/Description

- 13 hexagon hand sockets ○ 8-9-10-11-12-13-14-15-16-17-19-21-22 mm
- 16 hexagon hand sockets ○ 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm
- 7 1/2" sockets for Torx® head screws ○ E12-E14-E16-E18-E20-E22-E24
- 10 socket drivers for hexagon screws ○ 5-6-6L-7-8-8L-10-10L-12-12L mm
- 13 1/2" drive, socket drivers for Torx® head screws ○ T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L
- 8 socket drivers with XZN® profile ○ 5-6-6L-8-8L-10-10L-12L mm
- 18 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm
- 7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 1 quick release adaptor, 1/4", for 10 mm ratcheting wrenches
- 1 quick release adaptor, 3/8", for 13 mm ratcheting wrenches
- 1 quick release adaptor, 1/2", for 19 mm ratcheting wrenches
- 12 reversible ratcheting combination wrenches 8-9-10-11-12-13-14-15-16-17-18-19 mm
- 7 ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 1 socket holder ○ 1/4-□1/4
- 1 socket holder ○ 1/4-□3/8
- 1 socket holder ○ 5/16-□1/2
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series ○ 5-6-7-8-9-10-11-12-13 mm
- 4 socket drivers for slotted head screws ● 0,8x4-1x5,5-1,2x6,51,2x8 mm
- 1 1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm
- 4 socket drivers for cross head Phillips® screws ● PH1-PH2-PH3-PH4
- 7 socket drivers for Torx® head screws ○ T10-T15-T20-T25-T27-T30-T40
- 1 adaptor, 1/4" female and 3/8" male drives □1/4-■3/8
- 3 1/4" drive extension bar 50-100-150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⊕
- 1 1/4" drive spinner handle
- 17 hexagon hand sockets 3/8" ○ 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 1 adaptor, 3/8" female and 1/4" male drivers □3/8-■1/4
- 1 adaptor, 1/2" female and 3/8" male drives □3/8-■1/2
- 1 extension bar - 3/8" 125 mm
- 1 extension bar - 3/8" 250 mm
- 1 3/8" drive universal joint
- 1 3/8" drive sliding T - handle
- 1 3/8" drive reversible ratchet ⊕
- 21 1/2" square drive hexagon sockets ○ 8-10-11-12-13-4-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 2 1/2" wobble extension bar 125-250 mm
- 1 adaptor, 1/2" female and 3/8" male drives □1/2-■3/8
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 3 3/8" square drive spark plug sockets ○ 16-17,8-20,8 mm
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊕ ⊕ ⊕
- 1 slip joint pliers 250 mm
- 1 Diagonal cutting nippers ✂ 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long flat knurled nose pliers = 160 mm
- 5 screwdrivers for cross head Phillips® screws ● 3x75-4x100-5,5x100-6,5x150-8x150 mm
- 1 screwdriver for slotted head screws, extra-short series ● 6,5x30 mm
- 3 screwdrivers for cross head Phillips® screws ⊕ PH1-PH2-PH3
- 1 screwdriver for cross head Phillips® screws, extra-short series ⊕ PH2
- 4 drivers for Torx® head screws, with handles ○ T20-T25-T27-T30
- 6 pin punches 2-3-4-5-6-8 mm
- 1 centre punch 4 mm
- 3 flat chisels 125-150-75 mm
- 1 cape chisels, standard type 125 mm
- 2 engineer's hammer 500-1000 g
- 1 telescopic magnet with flexible head
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 5 m
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 smooth half - round long needle nose pliers ● 140 mm
- 1 diagonal cutting nippers ✂ 125 mm
- 4 micro-screwdrivers for slotted head screws ● 2,0-2,5-3,0-3,5 mm
- 2 micro-screwdrivers for cross-head Phillips® screws ⊕ 0-00
- 9 drivers for Torx® head screws, with handles ○ T10-T15-T20-T25-T27-T30-T40-T45-T50
- 1 self - locking pliers 240 mm
- 1 adjustable self locking pliers, long jaws 175 mm
- 1 plastic hose pliers
- 1 plastic hose pliers
- 1 plastic hose pliers
- 1 sliding gauge
- 1 metric feeler gauge
- 1 packing scraper
- 7 double swivel end socket wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 1 1/2" drive swivel handle
- 1 pry bar with handle 450 mm
- 1 telescopic joint inspection mirror 670 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 Steel wire brush

Beta N.	TR
910AL	M125
920AL	M125
920FTX	M125
920PE	M125
920TX	M125
920XZN	M125
42	M25
90	M25
123Q1/4	M25
123Q3/8	M25
123Q1/2	M25
142	M25
96BPC/SC9	M105
895/1	M105
895/3	M105
895/6	M105
900	M105
900L	M105
900LP	M105
900ME	M105
900PH	M105
900TX	M105
900/16	M105
900/...	M105
900/25	M105
900/42	M105
900/55	M105
900BG/30	M105
910A	M105
910/15	M105
910/16	M105
910/21	M105
910/22	M105
910/25	M105
910/42	M105
910/55	M105
920A	M105
920AN	M105
920/15	M105
920/25	M105
920/42	M105
920/55	M105
956E	M105
860MIX/A31	M166
1048N	M166
1082BM	M166
1150BM	M166
1162BM	M166
1290	M166
1290N	M166
1292	M166
1292N	M166
1297TX	M166
31	M231
32	M231
34	M231
36	M231
1370	M231
1712TF	M231
1390	M231
1692	M125
1032	M62
1034	M62
1036	M62
1038	M62
1177BM	M62
1188BM	M62
1257LP	M62
1257PH	M62
977TX	M62
1052	M78
1058	M78
1481PL/A	M78
1481PL/B	M78
1481PL/C	M78
1650	M78
1708/20	M78
1716P	M78
80	M78
920/36A	M78
965	M78
1715	M231
1719BMA8/M	M231
1719BMA8/P	M231
1719BMA8/Q	M231
1719BMA8/R	M231
1719BMA8/T	M231
1737NX	M231



M125



M25



M105



M166



M231



M62



M78

5988H/7M

059881087

Assortment recommended in combination with RSC24/8 - RSC24A/8 - RSC24XL - C37/8 - C39/8 - RSC28 - C59B - C55C8 - C55M8

5988L/4M

assortment of 273 tools in EVA foam trays

► Car repairs

Quantity/Description

- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series ○ 5-6-7-8-9-10-11-12-13 mm
- 9 ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 1 socket holder
- 1 socket holder
- 1 socket holder
- 5 1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm
- 4 socket drivers for slotted head screws ● 0,8x4-1x5,5-1,2x6,5-2x8 mm
- 4 socket drivers for cross head Phillips® screws ⊕ PH1-PH2-PH3-PH4
- 7 socket drivers for Torx® head screws ⊕ T10-T15-T20-T25-T27-T30-T40
- 1 adaptor, 1/4" female and 3/8" male drives □ 1/4 - ■ 3/8
- 3 1/4" drive extension bar 50-100-150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⊗
- 17 hexagon hand sockets 3/8" ○ 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 1 adaptor, 3/8" female and 1/4" male drivers □ 3/8 - ■ 1/4
- 1 adaptor, 1/2" female and 3/8" male drives □ 3/8 - ■ 1/2
- 1 extension bar - 3/8" 125 mm
- 1 extension bar - 3/8" 250 mm
- 1 3/8" drive universal joint
- 1 3/8" drive sliding T - handle
- 1 3/8" drive reversible ratchet ⊗
- 17 1/2" square drive hexagon sockets ○ 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 1 adaptor, 1/2" female and 3/8" male drives □ 1/2 - ■ 3/8
- 1 3/8" drive universal joint
- 2 1/2" wobble extension bar 125 - 250 mm
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊗
- 3 3/8" square drive spark plug sockets ○ 16-17,8-20,8 mm
- 13 hexagon hand sockets ○ 8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 10 socket drivers for hexagon screws ○ 5-6-6L-7-8-8L-10-10L-12-12L mm
- 7 1/2" sockets for Torx® head screws ⊕ E12-E14-E16-E18-E20-E22-E24
- 13 1/2" drive, socket drivers for Torx® head screws ⊕ T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L
- 8 socket drivers with XZN® profile ○ 5-6-6L-8-8L-10-10L-12L mm
- 16 hexagon hand sockets ○ 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm
- 1 measuring tape 5 m
- 18 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm
- 7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 1 quick release adaptor, 1/4", for 10 mm ratcheting wrenches
- 1 quick release adaptor, 3/8", for 13 mm ratcheting wrenches
- 1 quick release adaptor, 1/2", for 19 mm ratcheting wrenches
- 12 reversible ratcheting combination wrenches 8-9-10-11-12-13-14-15-16-17-18-19 mm
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊕ ⊕ ⊕
- 1 slip joint pliers 250 mm
- 1 Diagonal cutting nippers ✂ 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long flat knurled nose pliers = 160 mm
- 5 screwdrivers for cross head Phillips® screws ● 3x75-4x100-5,5x100-6,5x150-8x150 mm
- 1 screwdriver for slotted head screws, extra-short series ● 6,5x30 mm
- 3 screwdrivers for cross head Phillips® screws ⊕ 4,5x80-6x100-8x150 mm
- 1 screwdriver for cross head Phillips® screws, extra-short series ⊕ 6x30 mm
- 4 drivers for Torx® head screws, with handles ⊕ T20-T25-T27-T30

Beta N.	TR
900	M105
900L	M105
96BPC/SC9	M105
895/1	M105
895/3	M105
895/6	M105
900ME	M105
900LP	M105
900PH	M105
900TX	M105
900/16	M105
900/...	M105
900/25	M105
900BG/30	M105
900/42	M105
900/55	M105
910A	M105
910/15	M105
910/16	M105
910/21	M105
910/22	M105
910/25	M105
910/42	M105
910/45	M105
910/55	M105
920A	M105
920/15	M105
910/25	M105
920AN	M105
920/42	M105
920/55	M105
956E	M105
910AL	M125
920PE	M125
920FTX	M125
920TX	M125
920XZN	M125
920AL	M125
1692/5	M125
42	M25
90	M25
123Q/14	M25
123Q/3/8	M25
123Q/1/2	M25
142	M25
860MDX/A31	M166
1048N	M166
1082BM	M166
1150BM	M166
1162BM	M166
1290	M166
1290N	M166
1292	M166
1292N	M166
1297TX	M166



M105



M125



M25



M166

5988U6/M

assortment of 214 tools in EVA foam trays

► Universal use

Quantity/Description



M01



M30



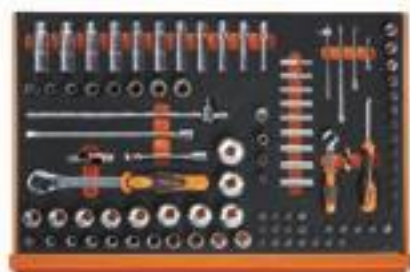
M213



M230



M129



M100

Quantity/Description	Beta N.	TR
22 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm	42	M01
11 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17 18x19-20x22-21x23-24x27-30x32 mm	55	M30
11 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm	90	M30
9 ball head offset hexagon key wrenches \odot 1,5-2-2,5-3-4-5-6-8-10 mm	96BPC/SC9	M30
6 screwdriver for slotted head screws \bullet 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm	1201E	M213
1 screwdriver for slotted head screws, extra-short series \bullet 4x30 mm	1201EN	M213
4 screwdriver for cross head Phillips® screws \oplus PH0x60-PH1x80-PH2x100-PH3x150 mm	1202E	M213
1 screwdriver for cross head Phillips® screws, extra-short series \oplus PH1x30 mm	1202EN	M213
12 screwdrivers for Torx® head screws, with handles \odot T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45	1207E/TX	M213
1 mains testing screwdriver \bullet	1253	M213
3 drift punches \odot 2-3-4 mm	30	M230
6 pin punches \odot 2-3-4-5-6-8 mm	31	M230
1 centre punch \odot 4 mm	32	M230
1 flat chisels 150 mm	34	M230
2 flat chisels, ribbed type 200-250 mm	35	M230
1 cape chisels, standard type 125 mm	36	M230
1 engineer's hammer 500 g	1370	M230
1 soft face hammer \odot 35 mm	1390	M230
1 measuring tape 3 m	1692	M230
1 telescopic magnet with flexible head	1712TF	M230
1 second-cut square files 200 mm	1719BMA...Q	M230
1 second-cut triangular files 200 mm	1719BMA...T	M230
1 second-cut flat files 200 mm	1719BMA...P	M230
1 second-cut half-round files 200 mm	1719BMA...M	M230
1 second-cut round files 200 mm	1719BMA...R	M230
1 Steel wire brush	1737NX	M230
1 snap - off blade utility knife 18 mm	1771	M230
1 circlip pliers straight, internal \odot 180 mm	1032	M129
1 circlip pliers bent, internal \odot 170 mm	1034	M129
1 circlip pliers straight, external \bullet 175 mm	1036	M129
1 circlip pliers bent, external \bullet 175 mm	1038	M129
1 slip joint pliers 250 mm	1048N	M129
1 self - locking pliers 240 mm	1052	M129
1 Diagonal cutting nippers ∇ 160 mm	1082BM	M129
1 construction worker's pincers 220 mm	1098	M129
1 tin snips 250 mm	1112	M129
1 electrician's scissors, straight blades	1128BM	M129
1 half-round needle nose pliers \equiv 180 mm	1150BM	M129
1 Extra-long needle nose pliers \bullet 160 mm	1166BM	M129
1 Extra-long bent needle nose pliers \bullet 160 mm	1168BM	M129
1 socket holder	895/1	M100
1 socket holder	895/3	M100
1 socket holder	895/6	M100
13 1/4" hexagon sockets \odot 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	M100
9 hexagon hand sockets, long series \odot 5-6-7-8-9-10-11-12-13 mm	900L	M100
5 1/4" socket drivers for hexagon screws \odot 3-4-5-6-7 mm	900ME	M100
4 socket drivers for slotted head screws \bullet 0,8x4-1x5,5-1,2x6,5-1,2x8 mm	900LP	M100
4 socket drivers for cross head Phillips® screws \oplus PH1-PH2-PH3-PH4	900PH	M100
7 socket drivers for Torx® head screws \odot T10-T15-T20-T25-T27-T30-T40	900TX	M100
1 1/4" drive extension bar 50 mm	900/20	M100
1 1/4" drive extension bar 100 mm	900/20L	M100
1 1/4" drive extension bar 150 mm	900/21	M100
1 1/4" drive universal joint	900/25	M100
1 1/4" drive spinner handle	900BG/30	M100
1 1/4" drive swivel T-handle	900/42	M100
1 1/4" reversible ratchet \oplus	900/55	M100
21 1/2" square drive hexagon sockets \odot 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm	920A	M100
1 adaptor, 1/2" female and 3/8" male drives 125 mm	920/15	M100
1 1/2" drive universal joint 250 mm	920/25	M100
1 1/2" wobble extension bar	920AN/125	M100
1 1/2" wobble extension bar	920AN/250	M100
1 1/2" drive sliding T-handle	920/42	M100
1 1/2" drive reversible ratchet \oplus	920/55	M100
8 1/2" sockets for Torx® head screws \odot 10-12-14-16-18-20-22-24 mm	920FTX	M100
11 hexagon hand sockets \odot 10-12-13-14-15-16-17-18-19-21-22 mm	920AL	M100

5988U6/M

059881430

Assortment recommended in combination with RSC24 with 8 drawers - RSC24/A with 8 drawers - C37 with 8 drawers - C39 with 8 drawers RSC24XL - RSC28 - C39SM - C39MO - C59B - RSC55

5935ET/1MB

assortment of 96 tools for tool chest C35, in EVA foam trays

► Electrotechnical maintenance

Quantity/Description

- 1 self - locking pliers 240 mm
- 1 engineer's hammer 500 g
- 1 soft face hammer Ø 35 mm
- 1 second-cut square files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 flat chisels, ribbed type 200 mm
- 1 circlip pliers straight, internal Ⓞ 180 mm
- 1 circlip pliers bent, internal Ⓞ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 Heavy-duty diagonal cutting nippers 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 9 ball head offset hexagon key wrenches ○
- 1 screwholding screwdriver for slotted head screws ●
- 1 screwholding screwdriver for cross head Phillips® screws ⊕
- 1 mains testing screwdriver ●
- 6 hexagon nut spinners with handles ○ 5,5-6-7-8-10-13 mm
- 4 screwdrivers for cross head Phillips® screws, 1000V
⊕ PH0x60-PH1x80-PH2x100-PH3x150 mm
- 6 screwdrivers for headless slotted screws, 1000V
● 2,5x75-3x100-4x100-5,5x125-6x150-8x175 mm
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊕ ⊕ ⊕
- 1 magnetic bit holder, insulated ⊕
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15
16x17-18x19-20x22 mm
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V 140 mm
- 1 electrician's scissors, straight blades, with countersink
- 1 cable cutter 230 mm
- 1 wire stripping pliers 160 mm
- 1 combination pliers 1000V = 180 mm
- 1 extra long needle nose pliers, 1000V, ● 160 mm
- 1 extra long bent needle nose pliers ● 160 mm
- 1 adjustable wrench, 1000V 250 mm
- 1 utility knife, 1000V
- 1 bent knurled point spring tweezers, 1000V
- 1 crimping pliers for insulated terminals

Beta N.	TR
	1052 MB65
	1370 MB65
	1390 MB65
1719BMA...Q	MB65
1719BMA...P	MB65
1719BMA...T	MB65
1719BMA...M	MB65
1719BMA...R	MB65
	35 MB65
	1032 MB65
	1034 MB65
	1036 MB65
	1038 MB65
	1084BM MB65
	1150BM MB65
	1166BM MB65
96BPC/SC9	MB63
	1250 MB63
	1251 MB63
	1253 MB63
	943MQ MB63
	1272MQ MB63
	1274MQ MB63
860MX/A31	MB63
	850MQ MB63
	55 MB64
	1048MQ MB64
	1082MQ MB64
	1128BSX MB64
	1132MQ MB64
	1142MQ MB64
	1150MQ MB64
	1166MQ MB64
	1168MQ MB64
	110MQ MB64
	1777MQ MB64
	993MQ MB64
	1602 MB64



MB65



MB64



MB63

5980ET/A

assortment of 70 tools

► Electrotechnical maintenance

Quantity/Description	Beta N.
1 centre punch Ø 4 mm	32
1 flat chisels, ribbed type 150 mm	35
8 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55/BN
8 offset hexagon key wrenches, long series O 2+10 mm	96LC/SC8
1 Adjustable wrench 200 mm	111E
1 magnetic bit holder, insulated	850MQ
10 bits with magnetic bit holder in plastic case	860MIX/A10
1 slip joint pliers, boxed joint 250 mm	1048MQ
1 Diagonal cutting nippers 160 mm	1082BM
1 electrician's scissors, straight blades, with countersink	1128BSX
1 cable cutter 170 mm	1132BM
1 half-round needle nose pliers 180 mm	1150BM
1 Extra-long needle nose pliers 160 mm	1166BM
1 Extra-long bent needle nose pliers 160 mm	1168BM
1 screwholding screwdriver for slotted head screws 4x125 mm	1250
1 screwholding screwdriver for cross head Phillips® screws ➤ PH1x125 mm	1251
1 mains testing screwdriver	1253
5 screwdriver for slotted head screws 2,5x75 - 3,5x100 - 5,5x125 - 6,5x150 mm	1201E
1 screwdriver for slotted head screws, extra-short series 4x30 mm	1201EN
4 screwdriver for cross head Phillips® screws ➤ PH0x60 - PH1x120 - PH2x150 - PH3x150 mm	1202E
1 screwdriver for cross head Phillips® screws, extra-short series ➤ PH2x30 mm	1202EN
4 screwdrivers for cross head Phillips® screws, 1000V ➤ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1272MQ
5 screwdrivers for headless slotted screws, 1000V 5,5x125 - 3x100 - 4x100 - 6,5x150 - 8x175 mm	1274MQ
1 flat chisel with side cutter	1343
1 engineer's hammer 300 g	1370
1 soft face hammer Ø 35 mm	1390
1 crimping pliers for insulated terminals	1602
1 PVC electrical tape 25 m	BMESB1925NE
1 measuring tape 5 m	1692
1 second-cut half-round files 200 mm	1719BMA...M
1 second-cut round files 200 mm	1719BMA...R
1 hacksaw frame, aluminium handle	1725
1 fold - away knife	1777BM



5980ET/A

059801083

Assortment recommended in combination with C12 - 2028VV - 2032TV - 2032VV

5980ET/B

assortment of 64 tools

► Electrotechnical maintenance

Quantity/Description

- 3 pin punches Ø 2 - 3 - 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 8 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 ball head offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 deburrer 150 mm
- 6 hexagon nut spinners with handles 1000V \odot 5,5 - 6 - 7 - 8 - 10 - 13 mm
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V \nless 160 mm
- 1 electrician's scissors, straight blades, with countersink
- 1 cable cutter 230 mm
- 1 wire stripping pliers \nless 160 mm
- 1 combination pliers 1000V \nless 180 mm
- 1 extra long needle nose pliers, 1000V, \bullet 160 mm
- 1 mains testing screwdriver \bullet
- 3 screwdrivers for cross head Phillips® screws, 1000V \oplus PH0x60 - PH1x80 - PH2x100 mm
- 4 screwdrivers for headless slotted screws, 1000V \bullet 3x100 - 4x100 - 5,5x125 - 6,5x150 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 crimping pliers for insulated terminals
- 1 flexible graduated rule 250 mm
- 1 engineer's scribe 250 mm
- 1 measuring tape 5 m
- 1 spirit level, made of aluminium 200 mm
- 1 electrician's chisel 10x200 mm
- 1 chalk line reel
- 1 square flexible inspection mirror 600 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 spring puller
- 1 hacksaw frame, aluminium handle
- 1 bristle brush
- 1 fitting tool for nylon ties
- 1 plastic oil bottle 80 cc
- 100 nylon cable ties, black UV resistant 3,6x200 mm
- 100 nylon cable ties, black UV resistant 4,8x300 mm
- 1 snap - off blade utility knife
- 1 soldering iron 30 W
- 1 LED inspection torch, made of sturdy anodized aluminium

Beta N.

- 31
- 32
- 34
- 55/B8N
- 96BPC/SC9
- 345SB
- 943MQ/S6
- 1048MQ
- 1082MQ
- 1128BSX
- 1132MQ
- 1142MQ
- 1150MQ
- 1166MQ
- 1253
- 1272MQ
- 1274MQ
- 1370
- 1390
- 1602
- 1682
- 1688
- 1692
- 1696
- 1701NE3
- 1705
- 1715FL/A
- 1719BMA8/M
- 1719BMA8/R
- 1723
- 1726BM
- 1738
- 1743
- 1755
- 1748N
- 1748N
- 1771BM
- 1814M
- 1833XS/2

5980ET/B

059801084

Assortment recommended in combination with C12 - 2029/VV - 2033P/VV - 2036TV

5980MQ

assortment of 46 tools

► Electrotechnical maintenance

Quantity/Description

- 7 single open end wrenches, 1000V 10 - 12 - 13 - 14 - 17 - 19 - 22 mm
- 1 adjustable wrench, 1000V 250 mm
- 6 hexagon nut spinners with handles \odot 5,5 - 6 - 7 - 8 - 10 - 13 mm
- 4 T-handle wrenches with hexagon male ends \odot 4 - 5 - 6 - 8 mm
- 1 bent knurled point spring tweezers, 1000V
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V \nless 160 mm
- 1 electrician's scissors
- 1 wire stripping pliers \nless 160 mm
- 1 combination pliers 1000V \nless 180 mm
- 1 extra-long bent flat nose pliers \nless 160 mm
- 1 extra long needle nose pliers, 1000V, \bullet 160 mm
- 1 mains testing screwdriver \bullet
- 4 screwdrivers for cross head Phillips® screws, 1000V \oplus PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 5 screwdrivers for headless slotted screws, 1000V \bullet 3x100 - 4x100 - 5,5x125 - 6,5x150 - 8x175 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 5 m
- 1 200 mm
- 1 mini - hacksaw frame, 1000V
- 2 utility knife, 1000V
- 1 soldering iron 30 W
- 1 high-brightness LED torch, made of sturdy anodized aluminium, up to 500 lumens
- 1 combination voltage and continuity tester

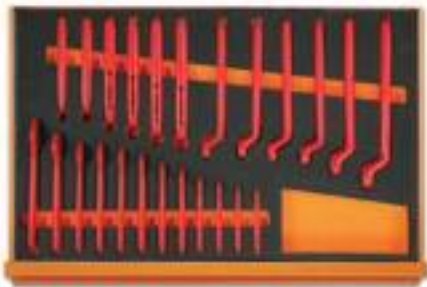
Beta N.

- 52MQ
- 110MQ
- 943MQ
- 951MQ
- 993MQ
- 1048MQ
- 1082MQ
- 1128MQ
- 1142MQ
- 1150MQ
- 1164MQ
- 1166MQ
- 1253
- 1272MQ
- 1274MQ
- 1370
- 1390
- 1692
- 1701NE/3
- 1725MQ
- 1777MQ
- 1814M
- 1833S
- 1847P

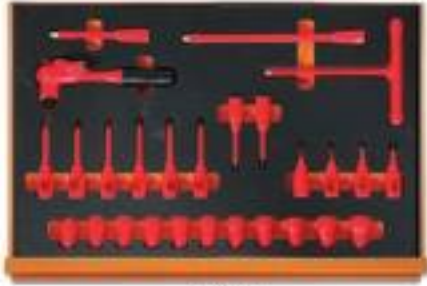
5980MQ

059801257

Assortment recommended in combination with 2029/VV



M49



M108



M161

5988 VHB-MQ

assortment of 66 tools in EVA foam trays

► Electrotechnical maintenance

Quantity/Description

- 12 single open end wrenches, 1000V 7-8-10-11-12-13-14-15-16-17-19-22 mm
- 12 single ring wrenches 7-8-10-11-12-13-14-15-16-17-19-22 mm
- 4 socket drivers for hexagon screws \odot 4-5-6-8 mm
- 11 bi-hex sockets \odot 7-8-10-11-12-13-14-15-16-17-19 mm
- 6 socket drivers for Torx® head screws \odot T15-T20-T25-T27-T30-T40
- 2 socket drivers with XZN® profile \odot 8-10 mm
- 1 3/8" drive extension 125 mm
- 1 3/8" drive extension 250 mm
- 1 3/8" drive, T-handle
- 1 3/8" drive reversible ratchet
- 1 electrician's scissors
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V \angle 160 mm
- 1 combination pliers 1000V \equiv 180 mm
- 1 extra long flat nose pliers \equiv 160 mm
- 1 extra-long bent flat nose pliers \equiv 160 mm
- 4 screwdrivers for cross head Phillips® screws, 1000V \oplus PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 4 screwdrivers for headless slotted screws, 1000V \bullet 2,5x75 - 3x100 - 4x100 - 5,5x125 mm
- 1 cable stripping knife, insulated

Beta N.	TR
52MQ	M49
89MQ	M49
910MQ/PE	M108
910MQ/B	M108
910MQ/TX	M108
910MQ/XZN	M108
910MQ/21	M108
910MQ/22	M108
910MQ/T	M108
910MQ/55	M108
1128MQ	M161
1048MQ	M161
1082MQ	M161
1150MQ	M161
1162MQ	M161
1164MQ	M161
1272MQ	M161
1274MQ	M161
1777MQU	M161

5988 VHB-MQ

059880300

Assortment recommended in combination with items RSC51 - RSC23T - RSC24 - RSC24A - RSC24XL - RSC24L - RSC24L-CAB RSC28 - C37 - C39 - C39SM - C39MD - C39T - RSC55 - C59

5980EL/A

assortment of 57 tools

► Electronics

Quantity/Description

- 13 4÷14 mm
- 9 offset hexagon key wrenches \odot 1,5÷10 mm
- 1 bent point tweezers 130 mm
- 1 straight thin knurled point pin spring tweezers 150 mm
- 1 cross tweezers 155 mm
- 1 electrician's scissors, straight blades
- 1 wire stripping pliers ∇ 160 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 1 flat nose pliers \equiv
- 1 smooth half - round long bent needle nose pliers \bullet
- 1 combination pliers \bullet
- 1 diagonal flush cutting nippers \angle
- 1 diagonal cutting nippers \angle
- 1 screwholding screwdriver for slotted head screws \bullet 4x125 mm
- 1 screwholding screwdriver for cross head Phillips® screws \oplus PH0x125 mm
- 8 micro-screwdrivers
- 1 engineer's hammer 200 g
- 1 measuring tape 5 m
- 1 telescopic joint inspection mirror
- 3 needle files
- 1 spring puller
- 1 bristle brush
- 1 Pen oiler
- 1 snap - off blade utility knife
- 1 self-locking round end knurled tool made of stainless steel
- 1 soldering iron 25 W
- 1 de - soldering pump
- 1 LED inspection torch, made of sturdy anodized aluminium

Beta N.
73/B13N
96N/SC9
991
992
998
1128BMX
1142BM
1166BM
1172BM
1178BM/P
1178BM
1185BM
1188BM
1250
1251
1257LPH/S8
1370
1692
1715
1720/S3
1723
1738
1756
1771
1002
1814M
1830T
1833XS/2

5980EL/A

059801081

Assortment recommended in combination with 2032TV - 2028/VV - 2033P/VV

5980EL/B

assortment of 98 tools

► Electronics

Quantity/Description	Beta N.
13 4÷14 mm	73/B13N
9 offset hexagon key wrenches \odot 1,5÷10 mm	96/SC9
8 offset key wrenches for Torx® head screws \odot T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40	97TX/BG8
1 Adjustable wrench 150 mm	111E
18 set of 13 hexagon sockets and 5 accessories, 1/4" square drive	900/C13-5
1 straight thin knurled point spring tweezers 130 mm	990
1 bent point tweezers 130 mm	991
1 extra slim short end spring tweezers 120 mm	999A
1 electrician's scissors, straight blades	1128BMX
1 front wire stripping pliers, self - adjusting 170 mm	1149F
1 half-round needle nose pliers \equiv 180 mm	1150BM
1 flat nose pliers \equiv 140 mm	1172BM
1 smooth half - round long needle nose pliers \bullet 140 mm	1177BM
1 smooth half - round long bent needle nose pliers \bullet 140 mm	1178BM/P
1 diagonal flush cutting nippers, rounded tips ζ 120 mm	1184BM
1 diagonal flush cutting nippers, slim tips ζ 120 mm	1186BM
1 end flush oblique cutting nippers ζ	1191BM
8 micro-screwdrivers	1257LPH/S8
1 mains testing screwdriver \bullet	1253
1 screwdriver for slotted head screws, extra-short series \bullet 6,5x30 mm	1290N
3 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm	1292
2 screwdriver for cross head Phillips® screws, extra-short series \oplus PH1x30 - PH2x30 mm	1292N
5 screwdrivers for headless slotted screws \bullet 2,5x60 - 3x75 - 4x100 - 5x125 - 6,5x150 mm	1294
1 engineer's hammer 200 g	1370
1 flexible graduated rule 150 mm	1682
1 engineer's scribe 220 mm	1688
1 measuring tape 5 m	1692
1 telescopic joint inspection mirror 670 mm	1715
1 Needle files \bullet	1720R
1 Needle files \blacktriangle	1720T
1 Needle files \blacksquare	1720P
1 spring puller	1723
1 bristle brush	1738
1 Pen oiler	1756
1 snap - off blade utility knife	1771BM
1 fold - away knife	1777BM
1 self-locking round end knurled tool made of stainless steel	1002
1 soldering iron 25W	1814M
1 de - soldering pump	1830T
1 LED inspection torch, made of sturdy anodized aluminium	1833XS/2



5980EL/B

059801082

Assortment recommended in combination with 2029/VV - 2033P/VV - 2036TV

5980ID

assortment of 35 tools

► Plumbing maintenance

Quantity/Description

- 1 flat chisels 150 mm
- 1 flat chisels, ribbed type 200 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm
- 1 Adjustable wrench 250 mm
- 1 pipe cutter for copper and light alloy pipes Ø 3÷30 mm
- 1 pipe wrench Swedish pattern 320 mm
- 1 self - locking pliers 240 mm
- 1 tin snips 300 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm
- 4 screwdriver for slotted head screws ● 3x75 - 4x100 - 5,5x150 - 8x150 mm
- 2 screwdriver for cross head Phillips® screws ⊕ PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape, made of fibre 2 m
- 1 measuring tape 5 m
- 1 spirit level, made of aluminium 200 mm
- 1 second-cut half-round files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 Steel wire brush
- 1 250 mm

Beta N.

- 34
- 35
- 55/S12X
- 111E
- 334
- 374
- 1052
- 1112
- 1128BMX
- 1150GBM
- 1201E
- 1202E
- 1370
- 1690F
- 1692
- 1696
- 1719BMA...M
- 1725
- 1737NX
- 1048N

5980ID

059801085

Assortment recommended in combination with 2009N/VV

5902MT

assortment of 106 tools for agricultural, building and earth-moving machinery

► Earth-moving

Quantity/Description

- 2 drift punches Ø 3 - 4 mm
- 2 pin punches Ø 6 - 8 mm
- 1 centre punch Ø 4 mm
- 2 flat chisels, ribbed type 150 - 200 mm
- 18 combination wrenches 6+14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 - 36 - 41 mm
- 10 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 24x27 - 30x32 mm
- 10 offset hexagon key wrenches ○ 1,5÷12 mm
- 17 1/2" square drive hexagon sockets ○ 10÷22 - 24 - 27 - 30 - 32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive push-through square ratchet ⊗
- 11 3/4" square drive hexagon socket ○ 22 - 24 - 27 - 30 - 32 - 36 - 41 - 46 - 50 - 55 - 60 mm
- 1 3/4" drive extension bar 200 mm
- 1 3/4" drive swivel handle
- 1 3/4" drive sliding T - handle
- 1 3/4" drive reversible ratchet ⊗
- 1 pry bar
- 1 250 mm
- 1 adjustable self locking pliers, curved jaws
- 1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ≡ 160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm
- 4 screwdrivers for slotted head screws with hexagon bolsters ● 6,5x150 - 8x175 - 10x200 - 12x250 mm
- 3 screwdrivers for cross head Phillips® screws with hexagon bolsters
 - ⊕ PH2x150 - PH3x175 - PH4x200 mm
- 1 ball pein hammer 900 g
- 1 soft face hammer Ø 35 mm
- 1 metric feeler gauge
- 1 three - cutting edges scraper 200 mm
- 5 Set of 5 second-cut files, with handles 200 mm
- 1 hacksaw frame, aluminium handle

Beta N.

- 30
- 31
- 32
- 35
- 42
- 90
- 96N/B10
- 920A
- 920/21
- 920/22
- 920/25
- 920/42
- 920/50
- 928A
- 928/21
- 928/36A
- 928/42
- 928/55
- 964
- 1048N
- 1055
- 1084GBM
- 1128BMX
- 1150GBM
- 1166GBM
- 1260E
- 1262E
- 1377
- 1390
- 1708/20
- 1717B
- 1719BMA...S5
- 1725

5902MT

059021053

Assortment recommended in combination with RSC22 - RSC23 - RSC23C - C39T

5902MT/AS

assortment of 99 tools for earth-moving machinery (CATERPILLAR)

► Earth-moving

Quantity/Description	Beta N.
2 drift punches Ø 3 - 4 mm	30
2 pin punches Ø 6 - 8 mm	31
1 centre punch Ø 4 mm	32
2 flat chisels, ribbed type 150 - 200 mm	35
20 combination wrenches 1/4+1.1/2"	42AS
6 double ended offset ring wrenches 1/4x5/16 - 3/8x7/16 - 1/2x9/16 5/8x3/4 - 11/16x13/16 - 7/8x15/16"	90AS
11 offset hexagon key wrenches ○ 3/64+3/8"	96AS/B11
10 1/2" square drive bi - hex sockets ○ 7/16 - 1/2 - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1"	920AS
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive push-through square ratchet Ⓢ	920/50
12 hexagon hand sockets 1/4" ○ □ 3/4", 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 - 1.1/4 - 1.5/16 1.1/2 - 1.5/8 - 1.11/16 - 1.7/8 - 2"	928AS
1 3/4" drive extension bar 200 mm	928/21
1 3/4" drive swivel handle	928/36A
1 3/4" drive sliding T - handle	928/42
1 3/4" drive reversible ratchet Ⓢ	928/55
1 pry bar	964
1 slip joint pliers 250 mm	1048N
1 adjustable self locking pliers, curved jaws	1055
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish † 160 mm	1084GBM
1 electrician's scissors, straight blades	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish ■ 180 mm	1150GBM
1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm	1166GBM
4 screwdrivers for slotted head screws with hexagon bolsters ● 6,5x150 - 8x175 - 10x200 - 12x250 mm	1260E
3 screwdrivers for cross head Phillips® screws with hexagon bolsters Ⓢ PH2x150 - PH3x175 - PH4x200 mm	1262E
1 ball pein hammer 900 g	1377
1 soft face hammer Ø 35 mm	1390
1 metric feeler gauge 150 - 200 mm	1708/20
1 three - cutting edges scraper 200 mm	1717B
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1 hacksaw frame, aluminium handle	1725



5902MT/AS

059021054

Assortment recommended in combination with RSC22 - RSC23 - RSC23C - C39T

5904VG/2M

assortment of 170 tools in EVA foam trays

► Car repairs

Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 8 offset hexagon key wrenches \odot 2-2,5-3-4-5-6-7-8 mm
- 5 drivers for Torx® head screws, with handles \odot T10-T15-T20-T25-T30
- 7 hexagon bits \odot 4-5-6-7-8-10-12 mm
- 7 hexagon bits \odot 4-5-6-7-8-10-12 mm
- 5 bits with XZN® profile \odot 5-6-8-10-12 mm
- 5 bits with XZN® profile \odot 5-6-8-10-12 mm
- 7 bits for Torx® head screws \odot T20-T25-T30-T40-T45-T50-T55
- 6 bits for Torx® head screws \odot T25-T30-T40-T45-T50-T55
- 7 bits for Tamper Resistant Torx® head screws \oplus T20-T25-T30-T40-T45-T50-T55
- 1 bit holder sockets for item 867
- 1 bit holder sockets for item 867
- 5 screwdrivers for slotted head screws \bullet 3x75 - 3,5x100 - 4x125 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 mm
- 1 screwdriver for slotted head screws, extra-short series \bullet 4x30 mm
- 1 screwdrivers for cross head Phillips® screws, extra - short series \oplus PH1x30 mm
- 5 bits for slotted head screws, coloured \bullet 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 8 hexagon bits for power drivers, coloured \odot 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 bits for cross head Phillips® screws, coloured \oplus PH0 - PH1 - PH2 - PH3 - PH4
- 4 bits for cross head Pozidriv® - Supadriv® screws, coloured \oplus PZ1 - PZ2 - PZ3 - PZ4
- 11 bits for Torx® head screws, coloured \odot T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 8 bits for Tamper Resistant Torx® head screws, coloured \oplus T9-T10-T15-T20-T25-T27-T30-T40
- 1 magnetic bit holder with handle 230 mm
- 1 reversible bit ratchet 100 mm
- 1 magnetic bit holder extension bar 80 mm
- 1 adaptors for drivers \blacksquare 1/4 - \square 1/4
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer \varnothing 35 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \oplus
- 19 1/2" square drive hexagon sockets \odot 10÷24 - 26 - 27 - 30 - 32 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 1 Heavy-duty diagonal cutting nippers \sphericalangle 160 mm
- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm

Beta N.	TR
	42
	42
	96T
	97TTX
	867PE
	867PEL
	867XZN
	867XZNL
	867TX
	867TXL
	867RTX
	867T1
	867T2
	1260
	1262
	1260N
	1262N
	860LP
	860PE
	860PH
	860PZ
	860TX
	860RTX
	851SR
	860/55
	882P
	892/0
	35
	1370
	1390
	920AN/125
	920AN/250
	920/25
	920/42
	920/55
	920A
	1150BM
	1166BM
	1084BM
	1032
	1034
	1036
	1038



M05 M06 VPM3



M50 M55 M86



M208 M85 M234



M83 M136 M145

5904VG/2T

assortment of 99 tools in ABS thermoformed trays

► Car repairs

Quantity/Description

- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 19 1/2" square drive hexagon sockets \odot 10+24 - 26 - 27 - 30 - 32 mm
- 5 1/2" drive, socket drivers for hexagon screws \odot 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \odot
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers ∇ 160 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers bent, external \bullet 175 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer \varnothing 35 mm
- 4 screwdrivers for slotted head screws \bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws \bullet PH0x60 - PH1x80 - PH2x100 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 6 offset hexagon key wrenches \odot 2 - 2,5 - 3 - 4 - 5 - 6 mm
- 6 drivers for Torx® head screws, with handles \odot T10 - T15 - T20 - T25 - T27 - T30

Beta N.	TR
	42
	T05
	42
	T06
	920A
	T80
	920ME
	T80
	920/21
	T80
	920/22
	T80
	920/25
	T80
	920/42
	T80
	920/55
	T80
	1048N
	T153
	1052
	T153
	1084
	T138
	1166
	T138
	1150
	T138
	1032
	T145
	1036
	T145
	1034
	T145
	1038
	T145
	35
	T234
	1370
	T234
	1390
	T234
	1260
	T208
	1262
	T208
	55
	T33
	96/SC9
	T33
	96T
	T52
	97TTX
	T55



T05 T06 T80



T153 T138 T145 T234



T208 T33 T52 T55



5904VG/3

assortment of 132 tools

► Car repairs

Quantity/Description	Beta N.
6 Ø 2+8 mm	31/B6N
1 centre punch Ø 5 mm	32
1 flat chisels, ribbed type 200 mm	35
17 combination wrenches 6+22 mm	42
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55
9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9
11 offset hexagon key wrenches ○ 2+10 mm	96T/SP11
13 offset key wrenches for Torx® head screws ○ T6+T50	97TX/B13
1 Adjustable wrench 300 mm	111E
13 1/2" square drive hexagon sockets with rail ○ 10+22 mm	920A/SB13
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive push-through square ratchet ⊕	920/50
6 T - handle wrenches with swivelling socket ○ 8 - 10 - 12 - 13 - 17 - 19 mm	952
1 pry bar with handle 450 mm	965
2 circlip pliers straight, internal ○ 180 - 225 mm	1032
2 circlip pliers bent, internal ○ 170 - 210 mm	1034
2 circlip pliers straight, external ● 175 - 225 mm	1036
2 circlip pliers bent, external ● 175 - 220 mm	1038
1 slip joint pliers 250 mm	1048N
1 self - locking pliers 240 mm	1057A
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⚡ 200 mm	1084GBM
1 toggle lever assisted end cutting nippers ⚡ 200 mm	1092V
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm	1150GBM
4 screwdrivers for slotted head screws ● 3x75 - 4x100 - 5,5x125 - 6,5x150 mm	1260
1 screwdrivers for slotted head screws, extra-short series ● 6,5x30 mm	1260N
2 screwdrivers for slotted head screws with hexagon bolsters ● 8x175 - 10x200 mm	1260E
3 screwdrivers for cross head Phillips® screws ⊕ PH0x100 - PH1x120 - PH2x100 mm	1262
1 screwdrivers for cross head Phillips® screws, extra - short series ⊕ PH2x30 mm	1262N
1 screwdrivers for cross head Phillips® screws with hexagon bolsters ⊕ PH3x175mm	1262E
1 screwdriver for cross head Phillips® screws, long series ⊕ PH2x400 mm	1262L
1 screwdriver for headless slotted screws, long series ● 6,5x400 mm	1264L
1 engineer's hammer 500 g	1370
1 soft face hammer Ø 45 mm	1390
1 adjustable oil filter wrench	1491
1 metric feeler gauge	1708/20
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1 hacksaw frame, aluminium handle	1726BM
1 Metal pressure oil can 200 cc	1751N

5904VG/3

059041062

Assortment recommended in combination with RSC24 - RSC24A - RSC24XL - C37 - C39 with 7 - 8 drawers
RSC24L - RSC24L-CAB - C59 RSC55

5904VG/3T

assortment of 102 tools in ABS thermoformed trays

► Car repairs

Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 9 offset hexagon key wrenches \odot 1,5+10 mm
- 6 offset hexagon key wrenches \odot 2-2,5-3-4-5-6 mm
- 8 T - handle wrenches with swivelling socket \odot 7-8-10-12-13-14-17-19 mm
- 19 1/2" square drive hexagon sockets \odot 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet ⊗
- 1 Heavy-duty diagonal cutting nippers \nless 160 mm
- 1 half-round needle nose pliers ≡ 180 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm
- 1 self - locking pliers 240 mm
- 1 slip joint pliers 250 mm
- 7 screwdrivers for slotted head screws \bullet 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer \varnothing 35 mm
- 1 empty thermoformed tray

Beta N.	TR
42T05-T06	
55	T33
96/SC9	T33
96T	T52
952	T63
920A	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
1084BM	T137
1150BM	T137
1166BM	T137
1032	T145
1034	T145
1036	T145
1038	T145
1052	T153
1048N	T153
1260	T199
1262	T202
35	T234
1370	T234
1390	T234
VP5	



T199 T202 T83



T145 T153 T137 T234



T52 T33 T05 T06



T63 VP5

5904VG/3T

059041510

Assortment recommended in combination with C24S - C24SA - C37 - C39
C24SL - C24SL/CAB - C59 - C23ST - C39T - C28 - C39SM - C39MD RSC55

5904VG/5T

assortment of 153 tools in ABS thermoformed trays

► Car repairs

Quantity/Description

- 5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 19 1/2" square drive hexagon sockets ○ 10+24 - 26 - 27 - 30 - 32 mm
- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 8 T - handle wrenches with swivelling socket ○ 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 1 empty thermoformed tray
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 7 screwdrivers for cross head Phillips® screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm
- 5 drivers for Torx® head screws, with handles Ⓢ T25 - T27 - T30 - T40 - T45
- 6 offset hexagon key wrenches ○ 2 - 2,5 - 3 - 4 - 5 - 6 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 3 screwdrivers for cross head Phillips® screws ● 8x150 - 8x200 - 10x200 mm
- 2 screwdriver for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm
- 6 screwdrivers for cross head Phillips® screws Ⓢ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 2 screwdrivers for cross head Phillips® screws Ⓢ PH3x150 - PH4x200 mm
- 2 screwdriver for cross head Phillips® screws, extra-short series Ⓢ PH1x30 - PH2x30 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 Heavy-duty diagonal cutting nippers ⚡ 160 mm
- 6 bits for Torx® head screws Ⓢ T6+T15
- 8 bits for Torx® head screws Ⓢ T20+T55
- 1 socket holder
- 1 socket holder
- 6 1/4" sockets for Torx® head screws ○ E4+E10
- 7 1/2" sockets for Torx® head screws ○ E12+E24
- 3 1/2" drive, socket drivers for Torx® head screws Ⓢ T55L - T60 - T70L
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm

Beta N.	TR
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
42	T05
42	T06
952	T63
VP6	VP6
1032	T145
1034	T145
1036	T145
1038	T145
1290	T170
1297TX	T176
96T	T52
55	T33
96N/SC9	T33
1290	T171
1290N	T171
1292	T172
1292	T173
1292N	T173
35	T234
1370	T234
1390	T234
1150BM	T137
1166BM	T137
1084BM	T137
861TX	T112
866TX	T112
895/1	T112
895/6	T112
900FTX	T112
920FTX	T112
920TX	T112
1048N	T153
1052	T153



T80 T05 T06



T63 VP6



T145 T170 T176 T52



T33 T171 T172 T173



T234 T137 T112 T153

5905VG/1

assortment of 94 tools for car body repair shops

► Car repairs

Quantity/Description	Beta N.
1 drift punches Ø 4 mm	30
6 Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6N
1 centre punch Ø 4 mm	32
1 flat chisels 150 mm	34
1 cape chisels, standard type 150 mm	36
17 combination wrenches 6+22 mm	42
10 offset hexagon key wrenches \odot 1,5+12 mm	96/B10
1 Adjustable wrenches with scales, phosphated 300 mm	111EN
12 hi-torque hexagon nut spinners, long series \odot 4+14 mm	943BX
1 pry bar with handle 450 mm	965
1 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 adjustable self locking pliers, aluminium jaws 280 mm	1060AL
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ∇ 160 mm	1084GBM
1 construction worker's pincers 250 mm	1098PL
1 compound leverage shears, straight blades	1122
1 electrician's scissors, straight blades	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish \equiv 180 mm	1150GBM
1 screwdriver for Dzus® head screws \bullet	1201E/DZ
4 screwdrivers for slotted head screws	1260
\bullet 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	
1 screwdrivers for slotted head screws, extra-short series \bullet 4x30 mm	1260N
2 screwdrivers for slotted head screws with hexagon bolsters	1260E
\bullet 10x175 - 12x200 mm	
3 screwdrivers for cross head Phillips® screws	1262
\oplus PH0x60 - PH1x80 - PH2x100 mm	
1 screwdrivers for cross head Phillips® screws, extra - short series \oplus PH1x30 mm	1262N
1 screwdrivers for cross head Phillips® screws with hexagon bolsters \oplus PH3x175 mm	1262E
7 drivers for Torx® head screws \odot T6 - T8 - T10 - T15 - T20 - T25 - T30	1267TX
1 curved dolly 1350 g	1303
1 toe dolly	1305
1 heel dolly	1306
1 general purpose dolly	1310
1 double end dolly, convex, flat head	1314
1 curved angle spoon	1326
1 heavy duty spoon	1327
1 long double-ended spoon	1330
1 body blade holder, with blade 9"	1338A
1 extra flat chisel with hand guard	1342PM
1 body hammer	1345
1 body hammer Ø 40 mm	1357Z/45
1 engineer's hammer 300 g	1370
1 soft face hammer Ø 35 mm	1390
1 measuring tape 5 m	1692



5905VG/1

059051058

Assortment recommended in combination with C25

5905VG/2

assortment of 118 tools

► Car repairs

Quantity/Description	Beta N.
6 set of 2 drift punches, 1 centre punch, 2 flat chisels and 1 cape chisel in roll-up wallet made of polyester	38/B6N
13 combination wrenches 6÷14 - 17 - 19 - 22 - 24 mm	42
13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm	55
3 half - moon ring wrenches 11x13 - 14x17 - 19x22 mm	83
10 offset hexagon key wrenches \odot 1,5÷12 mm	96N/B10
6 drivers for Torx® head screws, with handles \odot T10 - T15 - T20 - T25 - T30 - T40	97TTX
2 1/2" drive impact sockets \odot 17 - 19 mm	720
20 1/2" square drive hexagon sockets \odot 10÷24 - 26 - 27 - 28 - 30 - 32 mm	920A
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet \oplus	920/55
8 T - handle wrenches with swivelling socket \odot 7 - 8 - 10 - 11 - 13 - 14 - 17 - 19 mm	952
1 T - handle swivel spark plug wrenches	959
1 wheel nut wrench \odot 17x19x22x \blacksquare 1/2"	979
1 circlip pliers straight, internal \odot 180 mm	1032
1 circlip pliers bent, internal \odot 170 mm	1034
1 circlip pliers straight, external \bullet 175 mm	1036
1 circlip pliers bent, external \bullet 175 mm	1038
1 slip joint pliers 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ∇ 160 mm	1084GBM
1 compound leverage shears, straight blades 250 mm	1122
1 electrician's scissors, straight blades	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish \equiv 180 mm	1150GBM
1 extra-long needle knurled nose pliers, bi-material handles, industrial finish \bullet 160 mm	1166GBM
8 screwdrivers for slotted head screws \bullet 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
2 screwdrivers for slotted head screws with hexagon bolsters \bullet 10x200 - 12x250 mm	1260E
1 screwdrivers for slotted head screws, extra-short series \bullet 6,5x30 mm	1260N
4 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262
1 engineer's hammer 400 g	1370
1 soft face hammer \varnothing 35 mm	1390
1 adjustable oil filter wrench	1491
1 circuit tester 3÷48 V	1498



5905VG/2

059051044

Assortment recommended in combination with C25

5908VG/2T

assortment of 214 tools in ABS thermoformed trays

► Car repairs

Quantity/Description

- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17
18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches \odot 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 1/2" drive, socket drivers for hexagon screws \odot 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet \otimes
- 19 1/2" square drive hexagon sockets \odot 10+24 - 26 - 27 - 30 - 32 mm
- 1 circlip pliers straight, internal \odot 180 mm
- 1 circlip pliers bent, internal \odot 170 mm
- 1 circlip pliers straight, external \bullet 175 mm
- 1 circlip pliers bent, external \bullet 175 mm
- 1 circlip pliers straight, internal \odot 140 mm
- 1 circlip pliers straight, internal \odot 225 mm
- 1 circlip pliers straight, external \bullet 140 mm
- 1 circlip pliers straight, external \bullet 225 mm
- 9 screwdrivers for slotted head screws \bullet 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series \bullet 4x30 - 6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws \oplus PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series \oplus PH1x30 - PH2x30 mm
- 8 T - handle wrenches with swivelling socket \odot 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 2 screwdriver for cross head Phillips® screws, long series \oplus PH1x400 - PH2x400 mm
- 3 screwdriver for headless slotted screws, long series \bullet 3x300 - 4x400 - 5x400 mm
- 6 drivers for Torx® head screws, with handles \otimes T10-T15-T20-T25-T27-T30
- 12 1/2" drive impact sockets \odot 10-13-17-18-19-21-22-24-27-30-32 mm
- 1 1/2" drive impact extension bar 125 mm
- 3 \odot 17-19-21
- 5 socket drivers for hexagon screws \odot 5L - 6L - 7L - 8L - 10L
- 4 1/2" drive, socket drivers for Torx® head screws \otimes T40L - T45L - T55L - T70L
- 3 socket drivers with XZN® profile \odot M6L - M8L - M12L
- 5 second cut files 200 mm
- 1 adjustable oil filter wrench 110 mm
- 1 square oil drain plug socket \blacksquare 10 mm
- 7 male hexagon oil drain plug sockets \odot 8-9-10-11-12-14-17 mm
- 4 male square oil drain plug sockets \odot 8-9,5-12-13 mm
- 1 male triangular oil drain plug socket Δ
- 1 male oil drain plug socket with XZN® profile \odot
- 1 oil plug wrenches
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 half-round needle nose pliers \equiv 180 mm
- 1 Extra-long needle nose pliers \bullet 160 mm
- 1 Heavy-duty diagonal cutting nippers ∇ 160 mm
- 11 3/4" square drive hexagon socket \odot 22-24-27-30-32-34-36-38-41-46-50 mm
- 1 3/4" drive extension bar 200 mm
- 1 3/4" drive extension bar 380 mm
- 1 3/4" drive sliding T - handle 450 mm
- 1 3/4" drive reversible ratchet \otimes
- 1 empty thermoformed tray
- 4 offset hexagon key wrenches \odot 13-14-17-19 mm
- 1 Adjustable wrench 300 mm
- 1 pry bar with handle
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 engineer's hammer 1000 g
- 1 metric feeler gauge
- 1 telescopic magnet with flexible head
- 1 telescopic joint inspection mirror
- 1 three - cutting edges scraper 200 mm
- 1 hacksaw frame, aluminium handle 440 mm
- 1 Steel wire brush
- 1 Metal pressure oil can 200 cl
- 1 snap - off blade utility knife

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
1032	T145
1034	T145
1036	T145
1038	T145
1032	T146
1032	T146
1036	T146
1036	T146
1260	T167
1262	T168
1262N	T168
952	T63
1262L	T209
1264L	T209
97TTX	T55
720	T111
720/21	T111
720LC	T111
920PE	T113
920TX	T113
920XZN	T113
1719BMA8/S5	T236
1491	T264
1494	T264
1494E	T264
1494Q	T264
1494T	T264
1494XZN	T264
1496C	T264
35	T234
1370	T234
1390	T234
1048N	T153
1052	T153
1150	T138
1166	T138
1084	T138
928A	T105
928/21	T106
928/22	T106
928/42	T106
928/55	T106
VP6	VP6
96N	VP6
111E	VP6
965	VP6
1112	VP6
1128BMX	VP6
1370	VP6
1708/20	VP6
1712	VP6
1715	VP6
1717B	VP6
1726	VP6
1737NX	VP6
1751N	VP6
1771	VP6



5908VG/2T

059081017

Assortment recommended in combination with RSC28

5910VG/3T

assortment of 202 tools in ABS thermoformed trays

► Car repairs

Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 6 double swivel end socket wrenches 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm
- 1 adjustable oil filter wrench 110 mm
- 1 square oil drain plug socket ■ 10 mm
- 7 male hexagon oil drain plug sockets ○ 8-9-10-11-12-14-17 mm
- 4 male square oil drain plug sockets □ 8-9,5-12-13 mm
- 1 male triangular oil drain plug socket Δ
- 1 male oil drain plug socket with XZN® profile ○
- 1 oil plug wrenches
- 5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 19 1/2" square drive hexagon sockets ○ 10÷24 - 26 - 27 - 30 - 32 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 circlip pliers straight, internal ○ 140 mm
- 1 circlip pliers bent, internal ○ 225 mm
- 1 circlip pliers straight, external ● 140 mm
- 1 circlip pliers bent, external ● 225 mm
- 6 drivers for Torx® head screws, with handles ○ T10-T15-T20-T25-T27-T30
- 12 swivel end ratcheting combination wrenches
8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 Heavy-duty diagonal cutting nippers † 160 mm
- 1 slip joint pliers, push button alignment 240 mm
- 1 self - locking pliers 240 mm
- 8 T - handle wrenches with swivelling socket ○ 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 9 screwdrivers for slotted head screws ● 3x75 - 3,5x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm
- 6 pin punches
- 7 screwdrivers for cross head Phillips® screws ⚙ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series ⚙ PH1x30 - PH2x30 mm
- 1 Adjustable wrench 250 mm
- 1 1/2" drive swivel T-handle
- 6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm
- 4 T handle wrenches with swivelling hexagon male ends ○ 4-5-6-8 mm
- 2 engineer's hammer 300-500 g
- 2 screwdriver for cross head Phillips® screws, long series ⚙ PH1x400 - PH2x400 mm
- 3 screwdriver for headless slotted screws, long series ● 3x300 - 4x400 - 5x400 mm
- 9 ball head offset hexagon key wrenches ○
- 1 click-type torque wrenches with reversible ratchets Ⓢ 8 ÷ 60 Nm
- 1 click-type torque wrenches with reversible ratchets Ⓢ 60 ÷ 330 Nm
- 12 impact sockets
- 1 adaptor, 1/2" female and 3/8" male drives
- 1 assortment of 12 sockets and 5 accessories 3/4"
- 3 lever with articulated, flat, curved head
- 1 dead blow hammer Ø 50 mm
- 1 Reversible impact wrench, made from composite material 12

Beta N.	TR
42	T05
42	T06
80	T79
1491	T264
1494	T264
1494E	T264
1494Q	T264
1494T	T264
1494XZN	T264
1496C	T264
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
1032	T145
1034	T145
1036	T145
1038	T145
1032	T146
1034	T146
1036	T146
1038	T146
97TTX	T55
142SN	T46
1150BM	T137
1166BM	T137
1084BM	T137
1047	T151
1057A	T151
952	T63
1260	T167
1260N	T167
31/B6N	T168
1262	T168
1262N	T168
111E	T59
920/40	T59
951	T59
953	T59
1370	T59
1262L	T209
1264L	T209
96BPC/SC9	T209
666N/5	T209
666N/30	T209
720/C12	T209
910/16	T209
928A/C12	T209
966/C3	T209
1392	T209
1927P	T209



T05 T06 T79 T264



T80 T145 T146



T55 T46 T137 T151

T63



T167 T168

+ 96BPC/SC9
+ 31/B6N

T59



T209



5910VG/3T

059101068

Assortment recommended for use with item C30M

5935VG/1MB

assortment of 98 tools for tool chest C35, in EVA foam trays

► Car repairs

Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15
16x17-18x19-20x22 mm
- 1 slip joint pliers 250 mm
- 4 screwdrivers for slotted head screws ● 3x75-4x100-5x125-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ● PH0x60-PH1x80--PH2x100 mm
- 6 drivers for Torx® head screws ⊕ T8-T10-T15-T20-T25-T30
- 9 ball head offset hexagon key wrenches ○
- 6 offset hexagon key wrenches ○ 2-2,5-3-4-5-6
- 1 self - locking pliers 240 mm
- 19 1/2" square drive hexagon sockets
○ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊗
- 5 socket drivers for hexagon screws ○ 5-6-8-10-12 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 flat chisels, ribbed type 200 mm
- 1 Heavy-duty diagonal cutting nippers ✂ 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 engineer's hammer 500 g
- 1 soft face hammer 35 mm

Beta N.	TR
42	MB12
55	MB12
1048N	MB12
1260	MB46
1262	MB46
1267TX	MB46
96BPC/SC9	MB46
96T	MB46
1052	MB46
920A	MB39
920/21	MB39
920/22	MB39
920/25	MB39
920/42	MB39
920/55	MB39
920PE	MB39
1032	MB39
1034	MB39
1036	MB39
1038	MB39
35	MB39
1084BM	MB39
1150BM	MB39
1166BM	MB39
1370	MB39
1390	MB39



MB12



MB39



MB46

5935VG/1MB

059351321

Assortment recommended in combination with C35

5940SBK

assortment of 125 tools

► Motorcycle repairs

Quantity/Description

- 1 drift punches Ø 2 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 125 mm
- 10 combination wrenches 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
- 6 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
- 9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 click-type torque wrenches with reversible ratchets ⊗ 3/8", 8+60 Nm
- 54 assortment of 52 hexagon bits, 10 mm, and 2 accessories
- 17 assortment of 12 sockets and 5 accessories
- 1 adaptor, 1/2" female and 3/8" male drives
- 2 spark plug socket ○ 14 - 16 mm
- 1 extra - long nose pliers ● 283 mm
- 2 circlip pliers straight, internal ○ 140 - 180 mm
- 1 circlip pliers straight, external ● 140x1,3 mm
- 1 diagonal cutting nippers,
slip-proof double layer PVC coated handles,
industrial finish ✂ 160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers,
slip-proof double layer PVC coated handles,
industrial finish = 180 mm
- 1 screwdriver for Dzus® head screws ●
- 4 screwdriver for slotted head screws ● 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws ● PH0x60 - PH1x80 - PH2x100 mm
- 1 circuit testing screwdriver ●
- 1 engineer's hammer 300 g
- 1 adjustable oil filter wrench
- 1 metric feeler gauge
- 1 mini hacksaw frame
- 1 Brass wire brush
- 1 plastic oil can 250 cc

Beta N.	TR
30	
32	
34	
42	
55	
96/SC9	
666N/5	
867/C52	
920A/C12X	
910/16	
956C	
1009L/A	
1032	
1036	
1082G	
1128BM	
1150G	
1201E/DZ	
1201E	
1202E	
1254	
1370	
1491	
1708/13	
1725CR	
1737	
1754	

5940SBK

059401082




Assortment recommended for use with items C41S - C41H - C42S - C42H - C42S - C41S

5941VU/M

assortment of 64 tools for trolley C41H, in EVA foam trays

► Universal use

Quantity/Description

- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 9 offset hexagon key wrenches 
- 1 measuring tape 5 m
- 19 1/2" square drive hexagon sockets  10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet 
- 2 1/2" wobble extension bar 125-250 mm
- 1 Adjustable wrench 250 mm
- 1 slip joint pliers 250 mm
- 1 diagonal cutting nippers, bi-material handles, industrial finish $\nless 160$ mm
- 1 electrician's scissors, straight blades 145 mm
- 1 heavy duty combination pliers, bi-material handles, industrial finish ≈ 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish $\bullet 160$ mm
- 3 screwdrivers for slotted head screws $\bullet 3,5 \times 100-5,5 \times 125-6,5 \times 150$ mm
- 3 screwdrivers for cross head Phillips® screws \oplus PH0-PH1-PH2
- 1 engineer's hammer 300 g
- 1 snap - off blade utility knife 18 mm

Beta N.	TR
42	MC12
96/SC9	MC12
169/25	MC12
920A	MC21
920/25	MC21
920/42	MC21
920/55	MC21
920AN	MC21
111E	
1048N	
1082GBM	
1128BMX	
1150GBM	
1166GBM	
1260	
1262	
1370	
1771	



MC21



MC12



5941VU/M

059411002

Assortment recommended in combination with C41H



5945VUM

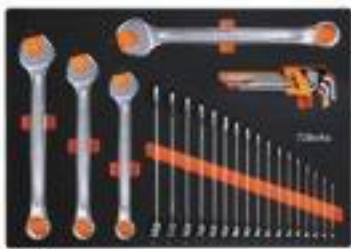
assortment of 231 tools in EVA foam trays

► Universal use

Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
 9 ball head offset hexagon key wrenches \odot 1,5-2-2,5-3-4-5-6-8-10 mm
 8 offset hexagon key wrenches \odot 2-2,5-3-4-5-6-7-8 mm
 1 engineer's hammer 300 g
 1 soft face hammer \varnothing 35
 2 flat chisels, ribbed type 100-200 mm
 5 second cut files 200 mm
 1 socket holder \odot 1/4 - \square 1/4
 1 socket holder \odot 1/4 - \square 3/8
 1 socket holder \odot 5/16 - \square 1/2
 13 1/4" hexagon sockets \odot 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
 9 hexagon hand sockets, long series \odot 5-6-7-8-9-10-11-12-13 mm
 5 1/4" socket drivers for hexagon screws \odot 3-4-5-6-7 mm
 4 socket drivers for slotted head screws \bullet 0,8x4-1x5,5x1,2x6,5-1,2x8 mm
 4 socket drivers for cross head Phillips® screws \oplus PH1-PH2-PH3-PH4
 7 socket drivers for Torx® head screws \odot T10-T15-T20-T25-T27-T30-T40
 1 adaptor, 1/4" female and 3/8" male drives \square 1/4 - \blacksquare 3/8
 1 1/4" drive extension bar 50 mm
 1 1/4" drive extension bar 100 mm
 1 1/4" drive extension bar 150 mm
 1 1/4" drive universal joint
 1 1/4" drive spinner handle 176 mm
 1 1/4" drive swivel T-handle 115 mm
 1 1/4" reversible ratchet \oplus 125 mm
 17 hexagon hand sockets 3/8" \odot 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
 1 adaptor, 3/8" female and 1/4" male drives \square 3/8 - \blacksquare 1/4
 1 adaptor, 1/2" female and 3/8" male drives \square 3/8 - \blacksquare 1/2
 1 extension bar - 3/8" 125 mm
 1 extension bar - 3/8" 250 mm
 1 3/8" drive universal joint
 1 3/8" drive sliding T - handle 210 mm
 1 3/8" drive reversible ratchet \oplus 200 mm
 21 1/2" square drive hexagon sockets \odot 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
 1 adaptor, 1/2" female and 3/8" male drives \square 1/2 - \blacksquare 3/8
 1 1/2" drive universal joint
 1 1/2" wobble extension bar 125 mm
 1 1/2" wobble extension bar 250 mm
 1 1/2" drive sliding T-handle 305 mm
 1 1/2" drive reversible ratchet \oplus 275 mm
 3 3/8" square drive spark plug sockets \odot 16 mm (5/8")-17,8 (11/16")-20,8 (13/16")
 5 drivers for Torx® head screws, with handles \odot T10-T15-T20-T25-T30
 1 Heavy-duty diagonal cutting nippers \angle 160 mm
 1 half-round needle nose pliers \equiv 180 mm
 1 Extra-long needle nose pliers \bullet 160 mm
 1 circlip pliers straight, internal \odot 19+60 mm
 1 circlip pliers bent, internal \odot 19+60 mm
 1 circlip pliers straight, external \bullet 19+60 mm
 1 circlip pliers bent, external \bullet 19+60 mm
 1 250 mm
 1 self - locking pliers 240 mm
 38 microscrewdriver with 36 interchangeable 4-mm bits and magnetic extension
 6 screwdriver for slotted head screws \bullet 04x2,5x50-0,5x3x75-0,8x4x100-1,0x5,5x125-1,2x6,5x150-1,2x8x200 mm
 1 screwdriver for slotted head screws, extra-short series \bullet 0,8x4x30 mm
 4 screwdriver for cross head Phillips® screws \oplus PH0x60-PH1x80PH2x100PH3x150 mm
 1 screwdriver for cross head Phillips® screws, extra-short series \oplus PH1x30 mm
 12 screwdrivers
 for Torx® head screws, with handles \odot T06-T07-T08-T09-T10-T15-T20-T25-T27-T30-T40-T45
 1 mains testing screwdriver \bullet 0,5x3,5x100 mm

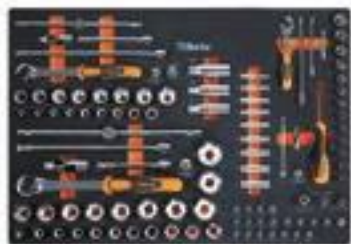
Beta N.	TR
42	MM11
96BPC/SC9	MM11
96T	MM61
1370	MM61
1390	MM61
35	MM61
1719BMA8/S5	MM61
895/1	MM105
895/3	MM105
895/6	MM105
900	MM105
900L	MM105
900ME	MM105
900LP	MM105
900PH	MM105
900TX	MM105
900T7X	MM105
900/16	MM105
900/20	MM105
900/20L	MM105
900/21	MM105
900/25	MM105
900BG/30	MM105
900/42	MM105
900/55	MM105
910A	MM105
910/15	MM105
910/16	MM105
910/21	MM105
910/22	MM105
910/25	MM105
910/42	MM105
910/55	MM105
920A	MM105
920/15	MM105
920/25	MM105
920AN	MM105
920AN	MM105
920/42	MM105
920/55	MM105
956E	MM105
977TX	MM140
1084BM	MM140
1150BM	MM140
1166BM	MM140
1032	MM140
1034	MM140
1036	MM140
1038	MM140
1048N	MM140
1052	MM140
1256/IC36-2	MM140
1201E	MM210
1201EN	MM210
1202E	MM210
1202EN	MM210
1207E/TX	MM210
1253	MM210



MM11



MM61



MM105



MM140



MM210



5954VG

assortment of 138 tools

► Car repairs

Quantity/Description	Beta N.
5 pin punches Ø 2-3-4-5-6 mm	31
1 centre punch Ø 4 mm	32
1 flat chisels 125 mm	34
18 combination wrenches 6÷22 - 24 mm	42
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55
3 double ended offset ring wrenches 12x13 - 14x15 - 17x19 mm	90
13 offset hexagon key wrenches ○ 2÷10 - 12 mm	96
4 1/2" drive impact sockets ○ 17 - 19 - 21 - 22 mm	720
20 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm	920A
1 1/2" drive extension bar	920/21
1 1/2" drive extension bar	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet Ⓢ	920/55
3 hi-torque hexagon nut spinners, long series ○ 8 - 10 - 13 mm	943BX
10 T - handle wrenches with swivelling socket ○ 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	952
3 spark plug socket ○ 16 - 17,8 - 20,8 mm	956C
1 pry bar	964
1 circlip pliers straight, internal ○	1032
1 circlip pliers bent, internal ○	1034
1 circlip pliers straight, external ●	1036
1 circlip pliers bent, external ●	1038
1 slip joint pliers 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 adjustable self locking pliers, long jaws 175 mm	1058
1 Diagonal cutting nippers ⚡ 160 mm	1082BM
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers = 180 mm	1150BM
1 Extra-long needle nose pliers ● 160 mm	1166BM
1 circuit testing screwdriver ● 6÷24V	1254
1 screwdrivers for slotted head screws ● 8 x 200 mm	1260
1 screwdrivers for slotted head screws, extra-short series ● 6,5x30 mm	1260N
1 screwdrivers for cross head Phillips® screws ⚡ 8 x 150 mm	1262
1 screwdrivers for cross head Phillips® screws, extra - short series ⚡ PH2x30 mm	1262N
5 drivers for Torx® head screws ⚡ T8 - T10 - T15 - T20 - T25	1267TX
8 set of screwdrivers	1263/D8
1 engineer's hammer 300 g	1370
1 dead blow hammer Ø 35 mm	1392
1 brake spring pliers 210 mm	1470
1 crimping pliers for non insulated terminals	1603
1 measuring tape 5 m	1692
1 metric feeler gauge	1708/20
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
6 needle files 160 mm	1720/B6
1 plastic oil can 150 cc	1754

5954VG

059541054

Assortment recommended in combination with C54VG



5957VG

assortment of 174 tools

► Car repairs

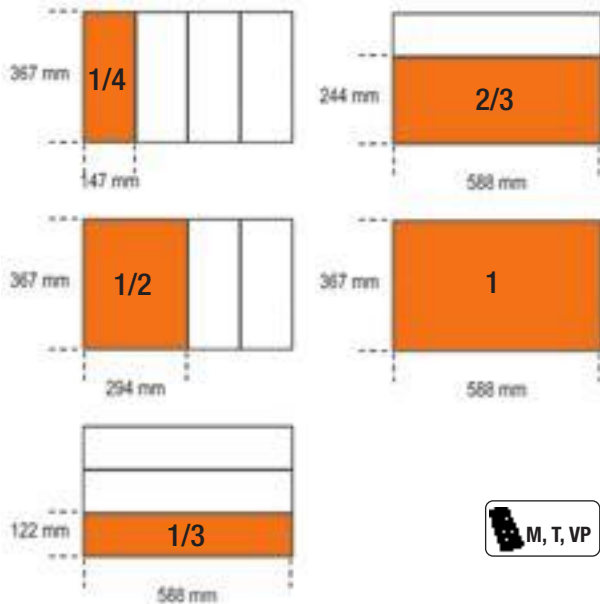
Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6
6 2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
17 combination wrenches 6-7-8-10-11-12-13-14-15 16-17-19-21-22-24-27-30 mm	42
12 double open end wrenches 6x7 ÷ 30x32 mm	55/S12X
8 offset hexagon key wrenches 2 ÷ 10 mm	96T/S8
1 offset hexagon key wrenches Ø 2,5 ÷ 12 mm	96N/G7
8 offset key wrenches, for Torx® head screws ⚙ T9 ÷ T40	97TX/SC8
5 offset key wrenches with XZN® profile Ø M5 ÷ M12	98XZN/B5
1 Adjustable wrench 250 mm	111E
1 click-type torque wrenches with reversible ratchets ⚙ 1/2", 40÷200 Nm	666N/20
13 1/2" square drive hexagon sockets with rail Ø 10÷22 mm	920A/SB13
8 1/2" square drive hexagon sockets with rail Ø 23÷32 mm	920A/SB8
4 1/2" socket drivers for slotted head screws ⚙ 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP
3 1/2" socket drivers for Phillips® screws ⚙ PH2 - 3 - 4	920PH
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet ⚙	920/55
2 1/2" drive impact sockets ⚙ 17 - 19 mm	720
10 T - handle wrenches with swivelling socket Ø 7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm	952
3 T - handle swivel spark plug wrenches 14 - 16 - 20,8 mm	959
1 pry bar	963
1 wheel nut wrench ⚙ 1/2" - 17 - 19 - 22 mm	979
2 circlip pliers straight, internal Ø 140 - 180 mm	1032
2 circlip pliers bent, internal Ø 130 - 170 mm	1034
2 circlip pliers straight, external ⚙ 140x1,3 - 175 mm	1036
2 circlip pliers bent, external ⚙ 135x1,3 - 175 mm	1038
1 slip joint pliers 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 Diagonal cutting nippers ⚡ 160 mm	1082BM
1 Heavy-duty diagonal cutting nippers ⚡ 160 mm	1084BM
1 toggle lever assisted end cutting nippers ⚡ 180 mm	1092V
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers ⚡ 180 mm	1150BM
1 Extra-long needle nose pliers ⚙ 160 mm	1166BM
1 Extra-long bent needle nose pliers ⚙ 200 mm	1168BM
2 screwdrivers for slotted head screws ⚙ 8x200 - 10x200 mm	1260
1 screwdrivers for cross head Phillips® screws ⚙ PH3x150 mm	1262
8 set of screwdrivers	1263/D8
2 engineer's hammer 300 - 600 g	1370
1 soft face hammer Ø 35 mm	1390
11 roller stud extractors M5÷M16 mm	1433/C11
1 adjustable oil filter wrench	1491
1 circuit tester	1498
1 measuring tape 5 m	1692
1 metric feeler gauge	1708/20
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
1 two cutting edges scraper 200 mm	1717A
1 three - cutting edges scraper 200 mm	1717B
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1725
1 metal oil can 200 cc	1751
1 snap - off blade utility knife	1771
1 sliding gauge	1650

SOFT MODULES

Assortment of tools in thermoformed trays, designed for roller cabs



RSC23T
RSC24
RSC24A
RSC24AXL
RSC24L/7
RSC24L-CAB
RSC28
C30M
C37
C37A
C39
C39T
C39MD
C39SM
RSC51
C57S
C59
RSC55



493÷503
508÷518

M01

22



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm

4,5 kg

M01 1 024500001
MV10 1 024510010

M02

26



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32 mm

6,3 kg

M02 1 024500002
MV02 1 024510002

M05

16



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21 mm

1,5 kg

M05 1 024500005
MV15 1 024510015

M06

5



42 22-24-27-30-32 mm

2,1 kg

M06 1 024500006
MV16 1 024510016

M13

11



42SLIM 8-10-11-12-13-14-15-16-17-18-19 mm

1,2 kg

M13 1 024500013
MV13 1 024510013

M25

40



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm

90 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm

123Q1/4

123Q3/8

123Q1/2

142 8-9-10-11-12-13-14-15-16-17-18-19 mm

5,1 kg

M25 1 024500025
MV25 1 024510873

M30

31



55 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm

90 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm

96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm

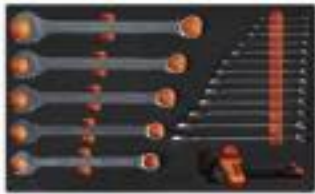
4,2 kg

M30 1 024500030
MV30 1 024510030



M31

27



42AS 1/4-9/32-5/16-3/8-7/16-1/2-9/16-19/32-5/8-11/16-3/4-13/16-7/8-15/16-1-1.1/16-1.1/8-1.1/4

○ 96BP/AS-SC9 1/16-3/32-1/8-5/32-3/16-7/32-1/4-5/16-3/8

4,5 kg

M31 1 024500031
MV31 1 024510031

M33

17



55 6x7-8x9-10x11
12x13-14x15
16x17-18x19
20x22 mm

○ 96/SC9 1,5+10 mm

1,1 kg

M33 1 024500033
MV33 1 024510033

M38

4



55 21x23-24x26
27x29-30x32 mm

1,7 kg

M38 1 024500038
MV38 1 024510038

M39

36



31 2-3-4-5-6-8 mm
32 4 mm
55 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm

○ 96/SC12 2-2,5-3-3,5-4-4,5-5-5-6-7-8-9-10 mm

○ 96 12-14-17-19 mm

5,7 kg

M39 1 024500039
MV39 1 024510039

M40

7



90 6x7-8x9-10x11
12x13-14x15
16x17-18x19 mm

810 g

M40 1 024500040
MV40 1 024510040

M44

12



141 8-9-10-11-12
13-14-15-16
17-18-19 mm

1,3 kg

M44 1 024500044
MV44 1 024510044

M45

12



142 8-9-10-11-12
13-14-15-16
17-18-19 mm

1,3 kg

M45 1 024500045
MV45 1 024510045

M46

12



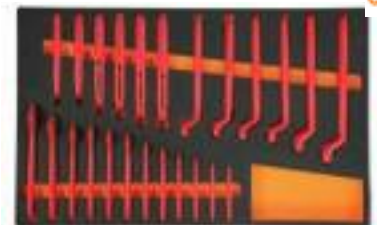
142SN 8-9-10-11-12
13-14-15-16
17-18-19 mm

1,4 kg

M46 1 024500046
MV46 1 024510046

M49

24



52MQ 7-8-10-11-12-13-14-15-16-17-19-22 mm
89MQ 7-8-10-11-12-13-14-15-16-17-19-22 mm

3,3 kg

M49 1 024500049
MV49 1 024510049

M50

8



○ 96T 2-2,5-3-4-5
6-7-8 mm

1,1 kg

M50 1 024500050
MV50 1 024510051

M52



○96T 2,5-3-4-5-6 mm



330 g



M52	1	024500052
MV52	1	024510052

M53



○96TBP 2,5-3-4-5-6 mm



350 g



M53	1	024500053
MV52	1	024510052

M55



○97TTX T10-T15-T20-T25-T30



330 g



M55	1	024500055
MV55	1	024510055



M60



○96T 2-2,5-3-4-5-6-7-8-10 mm
 ○97BTX/SC8 T9-T10-T15-T20-T25-T27-T30-T40
 ○944BX 5-6-7-8-10-13 mm



1,9 Kg



M60	1	024500060
MV60	1	024510060

M62



97TTX T10-T15-T20-T25-T27-T30-T40-T45-T50
 1032 180 mm
 1034 170 mm
 1036 175 mm
 1038 175 mm
 1177BM 140 mm
 1188BM 125 mm
 1257LP 2-2,5-3-3,5 mm
 1257PH 0-00



2,3 kg



M62	1	024500875
MV62	1	024510875

M63



○952 7-8-10-12-13-14-17-19 mm



3,4 kg



M63	1	024500063
MV63	1	024510063

M65



950 8-10-12-13-14-17-19 mm
 951 2,5-3-4-5-6-8-10-12-14 mm



3,6 Kg



M65	1	024500065
MV65	1	024510065

M67



○950 7-8-10-12-13-17 mm



1,8 kg



M67	1	024500067
MV67	1	024510067

M69



○951 2,5-3-4-5-6-8-10-12-14 mm



1,8 kg



M69	1	024500069
MV69	1	024510069

M75



○933 7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24 mm



5,5 kg



M75	1	024500075
MV75	1	024510075



M78

17



- 80 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 920/36A
- 965 450 mm
- 1052 240 mm
- 1058 175 mm
- 1481PL/A
- 1481PL/B
- 1481PL/C
- 1650 150 mm
- 1708/20
- 1716P

4,4 kg



M78	1	024500878
MV77	1	024510876

M79

6



- 80 8x9 - 10x11-12x13 -14x15 16x17-18x19 mm

1,3 kg



M79	1	024500079
MV79	1	024510079

M82

29



- 920A 10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm
- 920ME 5-6-8-10-12 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25
- 920/42 305 mm
- ⊕ 920/55

4,1 kg

12"



M82	1	024500082
MV82	1	024510082

M83

24



- 920A 10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25 255 mm
- 920/42 305 mm
- ⊕ 920/55

3,7 kg

12"



M83	1	024500083
MV83	1	024510083

M85

45



- 851SR 230 mm
- 860LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 860PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- ⊕ 860PH PH0 - PH1 - PH2 - PH3 - PH4
- ⊕ 860PZ PZ1 - PZ2 - PZ3 - PZ4
- ⊕ 860TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- ⊕ 860RTX T9-T10-T15-T20-T25-T27-T30-T40
- 860/55 100 mm
- 882P 80 mm
- 892 ■ 1/4 - □ 1/4

450 g

1/4"



M85	1	024500085
MV85	1	024510085

M86

46



- 867PE 4-5-6-7-8-10-12 mm
- 867PE/L 4-5-6-7-8-10-12 mm
- 867XZN 5-6-8-10-12 mm
- 867XZN/L 5-6-8-10-12 mm
- ⊕ 867TX T20-T25-T30-T40-T45-T50-T55
- ⊕ 867TX/L T25-T30-T40-T45-T50-T55
- ⊕ 867RTX T20-T25-T30-T40-T45-T50-T55
- 867/1
- 867/2

1,4 kg

10mm



M86	1	024500086
MV86	1	024510086

M91

25



- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900ME 2,5-3-4-5-6-8 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25 □ 1/4 - ■ 1/4
- 900BG/30
- 900/42
- ⊕ 900/55

560 g

1/4"



M91	1	024500091
MV90	1	024510090

M92

22



- 910A 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 910/21 125 mm
- 910/22 250 mm
- 910/25
- 910/42
- ⊕ 910/55

1,5 kg

3/8"



M92	1	024500092
MV92	1	024510092

M94

26



- 900AS/L 3/16-7/32-1/4-9/32-5/16-11/32-3/8-7/16-1/2-9/16
- 900AS 3/16-7/32-5/32-1/4-9/32-5/16-11/32-3/8-7/16-1/2-9/16
- 900AN 50-100mm
- 900/25
- ⊕ 900/55
- 900/42

930 g

1/4"



M94	1	024500094
MV94	1	024510094

M96

22



- 920A/AS 3/8-7/16-1/2-9/16-19/32-5/8-11/16-3/4-25/32-13/16-7/8-15/16-1-1.1/16-1.1/18-1.3/16-1.1/4
- 920/25
- 920AN 125-250mm
- 920/42
- ⊕ 920/55

3,8 kg

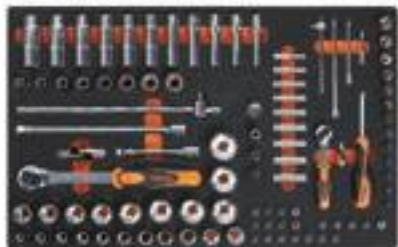
12"



M96	1	024500096
MV96	1	024510096

M100

98



- 895/1
- 895/3
- 895/6
- 900 4-4,5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900L 5-6-7-8-9-10-11-12-13 mm
- 900ME 3-4-5-6-7 mm
- 900LP 0,8x4-1x5,5-1,2x6,5-1,2x8 mm
- ⊕ 900PH PH1-PH2-PH3-PH4
- ⊕ 900TX T10-T15-T20-T25-T27-T30-T40
- 900/20 50 mm
- 900/20L 100 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42
- ⊕ 900/55
- 920A 8-10-11-12-13-14-15-16-17-18-19-20
21-22-23-24-26-27-28-30-32 mm
- 920/15
- 920/25
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/42
- ⊕ 920/55
- 920FTX 10-12-14-16-18-20-22-24 mm
- 920AL 10-12-13-14-15-16-17-18-19-21-22

6,7 Kg

14" 12"



M100	1	024500100
MV100	1	024510100

M105

116



- 900 4-4,5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900L 5-6-7-8-9-10-11-12-13 mm
- 96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm
- 895/1
- 895/3
- 895/6
- 900ME 3-4-5-6-7 mm
- 900LP 0,8x4-1x5,5-1,2x6,5-2x8 mm
- ⊕ 900PH PH1-PH2-PH3-PH4
- ⊕ 900TX T10-T15-T20-T25-T27-T30-T40
- 900/16 □ 1/4 - ■ 3/8
- 900/... 50-100-150 mm
- 900/25
- 900BG/30
- 900/42
- ⊕ 900/55
- 910A 6-7-8-9-10-11-12-13-14-15-16-17-18-19-
20-21-22 mm
- 910/15 □ 3/8 - ■ 1/4
- 910/16 □ 3/8 - ■ 1/2
- 910/21 125 mm
- 910/22 250 mm
- 910/25
- 910/42
- ⊕ 910/55
- 920A 8-10-11-12-13-14-15-16-17-18-19-20-21-
22-23-24-26-27-28-30-32 mm
- 920/15 □ 1/2 - ■ 3/8
- 920/25
- 920AN 125 - 250 mm
- 920/42
- ⊕ 920/55
- 956E 16-17,8-20,8 mm

7,7 kg

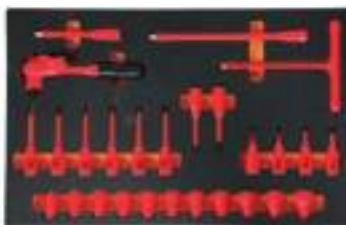
14" 38" 12"



M105	1	024500871
MV105	1	024510871

M108

27



- 910MQ/PE 4-5-6-8 mm
- 910MQ/B 7-8-10-11-12-13-14-15-16-17-19 mm
- ⊕ 910MQ/TX T15-T20-T25-T27-T30-T40
- 910MQ/XZN 8-10 mm
- 910MQ/21 125 mm
- 910MQ/22 250 mm
- 910MQ/T
- 910MQ/55

2,7 kg



M108	1	024500108
MV108	1	024510108

M110

36



- ⊕ 850MQ
- ⊕ 860TX/A10
- 920MQ/A 8-9-10-11-12-13-14-15-16-17-18-19-20
mm
- 920MQ/PE 5-6-8-10-12 mm
- 920MQ/21 125 mm
- 920MQ/22 250 mm
- 920MQ/55A
- 943MQ 6-7-8-10 mm

3,1 kg



M110	1	024500110
MV110	1	024510110

M112

32



- ⊕ 861TX ● 1/4-T6+T15
- ⊕ 866TX ● 5/16-T20+T55
- 895/1 ○ 1/4x□1/4
- 895/6 ○ 5/16x□1/2
- 900FTX □ 1/4-E4+E10
- 920FTX □ 1/2-E12+E24
- 920TX □ 1/2-T55L-T60-T70L

1,3 kg

14" 12"



M112	1	024500112
MV112	1	024510112

M115

54



- ⊕ 666N/20 40+200 Nm
- 920A 13-14-15-16-17-18-19-20-21-22-24-26-
27-30-32 mm
- 920FTX 12-14-16-18-20-22-24 mm
- 920PE 6-7-8-8L-10-10L-12-12L-14-14L
- ⊕ 920TX T20-T25-T27-T30-T40-T45-T50-T55-T60-
T20L-T25L-T27L-T30L-T40L-T45L-T50L
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42 305 mm
- ⊕ 920/55

7,8 Kg

12"



M115	1	024500115
MV115	1	024510115



M120

75



- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-24-26-27-30-32 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25
- 920/42
- 920AL 10-12-13-14-15-16-17-18-19-22-24-27-30-32 mm
- 920FTX 10-12-14-16-18-20-22-24 mm
- ⊕ 920/55
- 920PE 5-5L-6-6L-7-7L-8-8L-10-10L-12-12L-14-14L
- ⊕ 920TX T20-T25-T27-T30-T40-T45-T50-T55-T60-T20L-T25L-T27L-T30L-T40L-T45L-T50L

6,9 Kg

12"



M120	1	024500120
MV120	1	024510120

M121

46



- 920BP 5L-6L-8L-10L-5XL-6XL-8XL mm
- ⊕ 920TX T20-T25-T27-T30-T40L-T45L-T50L-T55L-T60L-T70L
- 920XZN 4-5-6-6L-8-8L-10-10L-12-12L-14-14L-16-18 mm
- ⊕ 920ES 7-9-10-11-12L-14L-16L-7XL-9XL-10XL-11XL-12XL-14XL-16XL mm
- 920/36A

6,3 Kg

12"



M121	1	024500121
MV121	1	024510121

M125

68



- 910AL 8-9-10-11-12-13-14-15-16-17-19-21-22 mm
- 920PE 5-6-6L-7-8-8L-10-10L-12-12L mm
- 920FTX E12-E14-E16-E18-E20-E22-E24
- ⊕ 920TX T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L
- 920XZN 5-6-6L-8-8L-10-10L-12L mm
- 920AL 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm
- 1692/5 5 m

7,9 kg

3/8" 12"



M125	1	024500872
MV125	1	024510872

M126

26



- 928A 19-21-22-24-26-27-28-30-32-34-35-36-38-41-46 mm
- 928ME 14-17-19-22 mm
- 928/15 □ 3/4 - ■ 1/2
- 928/16 □ 3/4 - ■ 1
- 928/21 200 mm
- 928/22 380 mm
- 928/25
- 928/42 450 mm
- ⊕ 928/55

12,4 kg

3/4"



M126	1	024500126
MV126	1	024510126

M127

23



- 728 19-21-22-24-27-30-32-33-34-35-36-38-40-41-46
- ⊕ 728FTX 20-22-24 mm
- 728/15 □ 3/4 - ■ 1/2
- 728/16 □ 3/4 - ■ 1
- 728/21 175 mm
- 728/22 250 mm
- 728/25

12,5 kg

3/4"



M127	1	024500127
MV127	1	024510127

M128

50



- 720 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
- 720L 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
- ⊕ 720TX T30-T40-T45-T50-T55
- 720ME 5-6-8-10-12-14-17-19 mm
- 720LC 17-19-21 mm
- 720/21 125 mm
- 720/25

8,9 kg

12"



M128	1	024500128
MV128	1	024510128

M129

13



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 1048N 250 mm
- 1052 240 mm
- ⊕ 1082BM 160 mm
- 1098 220 mm
- 1112 250 mm
- 1128BM
- ≡ 1150BM 180 mm
- 1166BM 160 mm
- 1168BM 160 mm

3,4 Kg



M129	1	024500129
MV138	1	024510138

M133

3



- ⊕ 1082G 160 mm
- ≡ 1150G 180 mm
- 1166G 160 mm

650 g



M133	1	024500133
MV133	1	024510133

M134

3



- ⊕ 1082GBM 160 mm
- ≡ 1150GBM 180 mm
- 1166GBM 160 mm

750 g



M134	1	024500134
MV134	1	024510134

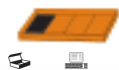
M135



- 1082MQ 160 mm
- 1150MQ 180 mm
- 1166MQ 160 mm



750 g



M135	1	024500135
MV135	1	024510135

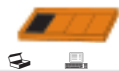
M136



- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm



750 g



M136	1	024500136
MV131	1	024510131

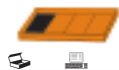
M137



- 1084 160 mm
- 1150 180 mm
- 1166 160 mm



650 g



M137	1	024500137
MV132	1	024510132

M145



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm



640 g



M145	1	024500145
MV145	1	024510145

M153



- 1048N 250 mm
- 1052 240 mm



1 kg



M153	1	024500153
MV154	1	024510154

M161



- 1128MQ
- 1048MQ 250 mm
- 1082MQ 160 mm
- 1150MQ 180 mm
- 1162MQ 160 mm
- 1164MQ 160 mm
- 1272MQ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 1274MQ 2,5x75 - 3x100 - 4x100 - 5,5x125 mm
- 1777MQ/U



3,0 kg



M161	1	024500161
MV161	1	024510161

M162



- 1241 5,5x100-6,5x125-8x150-10x200 mm
- 1242 PH1x100-PH2x100-PH3x150-PH4x200 mm



1,4 kg



M162	1	024500162
MV162	1	024510162



M166



- 860MIX/A31

- 1048N 250 mm
- 1082BM 160 mm
- 1150BM 180 mm
- 1162BM 160 mm
- 1290 3x75-4x100-5,5x100-6,5x150-8x150 mm
- 1290N 6,5x30 mm
- 1292 4,5x80-6x100-8x150 mm
- 1292N 6x30 mm
- 1297TX T20-T25-T27-T30

2,9 kg



M166	1	024500879
MV880	1	024510880

M170



- 1290 2,5x50
- 3x75
- 3,5x100
- 4x125
- 5,5x100
- 5,5x150
- 6,5x150 mm



500 g



M170	1	024500170
MV170	1	024510170

M172



- 1292 PH0x60
- PH0x100
- PH1x80
- PH1x120
- PH2x100
- PH2x150 mm



450 g



M172	1	024500172
MV172	1	024510172



M174

6



1297TX T8-T10-T15-T20-T25-T30

450 g



M174 1 024500174
MV174 1 024510174

M180

7



1290 3x75
4x100
5,5x150
6,5x150 mm
1292 PH0x60
PH1x80
PH2x100 mm

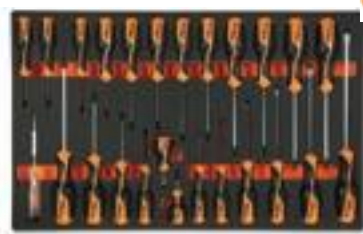
500 g



M180 1 024500180
MV180 1 024510180

M195

25



1260 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm
1260N 4x30 mm
1262 PH0x60-PH1x80-PH2x100-PH3x150 mm
1262N PH1X30 mm
1267TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45
1253 3,5x100 mm

2,3 kg



M195 1 024500195
MV195 1 024510195

M201

6



1260 3x75-4x100-6,5x150 mm
1262 PH0x60-PH1x80-PH2x100 mm

500 g



M201 1 024500201
MV201 1 024510201

M204

6



1267TX T8-T10-T15-T20-T25-T30

450 g



M204 1 024500204
MV204 1 024510204

M208

10



1260 3x75
3,5x100
4x125
5,5x150
6,5x150 mm
1262 PH0x60
PH1x80
PH2x100 mm
1260N 4x30 mm
1262N PH1x30 mm

750 g



M208 1 024500208
MV208 1 024510208

M209

10



1260N 4x30 mm
1264 2,5x60 - 3x100
- 4x125 - 5x150 -
6,5x150 mm
1262 PH0x60 - PH1x80 -
PH2x100 mm
1262N PH1x30 mm

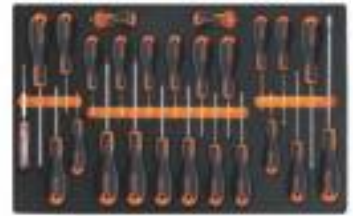
820 g



M209 1 024500209
MV208 1 024510208

M213

25



1201E 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm
1201EN 4x30 mm
1202E PH0x60-PH1x80-PH2x100-PH3x150 mm
1202EN PH1X30 mm
1207E/TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45
1253 3,5x100 mm

1,8 Kg



M213 1 024500213
MV210 1 024510210

M214

7



1201E 2,5x50-3x75-3,5x100-4x125-5,5x100-5,5x150-6,5x150 mm

500 g



M214 1 024500214
MV211 1 024510211

M216

6



1202E PH0x60-PH1x80-PH1x120-PH2x100-PH2x150-PH3x150 mm

450 g



M216 1 024500216
MV212 1 024510212

M217

7



1207E/TX T6-T7-T8-T9-T10-T15-T20

500 g



M217 1 024500217
MV215 1 024510215

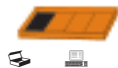


M218



- 1201E 3x75
4x100
5,5x150
6,5x150 mm
- ⊕ 1202E PH0x60
PH1x80
PH2x100 mm

500 g



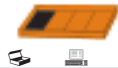
M218	1	024500218
MV220	1	024510220

M219



- ⊕ 1202E 3x60 - 4,5x80 - 6x100 mm
- 1204E 3x75 - 4x100 - 5x150 - 6,5x150 mm

590 g



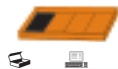
M219	1	024500219
MV220	1	024510220

M222



- ⊕ 1272MQ PH0x60 mm
- ⊕ 1272MQF PH1x80 - PH2x100 mm
- 1274MQF 3,5x100 - 4,5x100 - 5,5x125 - 6,5x150 mm

540 g



M222	1	024500222
MV222	1	024510222

M226



- 1274MQ 3x100
4x100
5,5x125
6,5x150 mm
- ⊕ 1272MQ PH0x60
PH1x80
PH2x100 mm

500 g



M226	1	024500226
MV226	1	024510226

M227



- 944BX 6-7-8-10-13 mm

420 g



M227	1	024500227
MV227	1	024510227

M230



- 30 Ø 2-3-4 mm
- 31 Ø 2-3-4-5-6-8 mm
- 32 Ø 4 mm
- 34 150 mm
- 35 200-250 mm
- 36 125 mm
- 1370 500 g
- 1390 Ø 35 mm
- 1692 3 m
- 1712TF
- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm
- 1737NX
- 1771 18 mm

3,2 Kg



M230	1	024500230
MV230	1	024510230



M231



- 31 2-3-4-5-6-8 mm
- 32 4 mm
- 34 125-150-175 mm
- 36 125 mm
- 1370 500-1000 g
- 1390 Ø 35 mm
- 1712TF 590 mm
- 1715 670 mm
- 1719BMA8/Q 200 mm
- ▲ 1719BMA8/T 200 mm
- 1719BMA8/P 200 mm
- ▶ 1719BMA8/M 200 mm
- 1719BMA8/R 200 mm
- 1737NX

4,7 kg



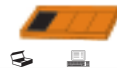
M231	1	024500877
MV231	1	024510877

M234



- 35 100-200 mm
- 1370 300 g
- 1390 Ø 35 mm

1,3 kg



M234	1	024500234
MV232	1	024510232

M236



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm

870 g



M236	1	024500236
MV236	1	024510236

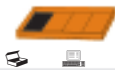
M237

4



35 100-200 mm
1370T 300 mm
1390N Ø 35 mm

1,3 kg



M237 1 024500237
MV232 1 024510232

M240

7



31BM Ø 2-3-4-5-6-8 mm
32 Ø 4 mm

850 g



M240 1 024500240
MV240 1 024510240

M264

16



1491 Ø 65+110 mm
1494 ■ 10 mm
1494E ○ 8-9-10-11-12-14-17 mm
1494Q ○ 8-9,5-12-13 mm
1494T △ 9,5
1494XZN ○ 16
1496C ■ 8x ■ 10 mm

2,1 kg



M264 1 024500264
MV264 1 024510264

M284

9



1128BMX
1130BMX
1719BMA...Q 200 mm
1719BMA...P 200 mm
1719BMA...M 200 mm
1719BMA...R 200 mm
1726BM 400 mm
1728BM (5)
1771BM 170 mm
1778V18 185 mm

2,4 Kg



M284 1 024500284
MV284 1 024510284

M285

4



1112 250 mm
1128BM
1726 440 mm
1728BM (5)
1753 200 cc

1,5 kg



M285 1 024500285
MV285 1 024510285

M289

4



1692 5 m
1725CR
1755 30 cc
1771

500 g



M289 1 024500289
MV289 1 024510289

M292

4



111E 250 mm
1128BMX
1692/5 5 m
1771 170 mm

500 g



M292 1 024500292
MV293 1 024510293

M295

4



1650
1682 L=300 mm
1707
1708/20

450 g



M295 1 024500295
MV295 1 024510295

M305

14



1927B
720 12-13-14-15-16-17
18-19-21-22
24-27 mm
720/21

4,2 kg

12"



M305 1 024500305
MV305 1 024510305

M310

14



1927CD
720 12-13-14-15-16-17
18-19-21-22
24-27 mm
720/21

4,0 kg

12"



M310 1 024500310
MV310 1 024510310

Beta



M400

29



- 3932U
- 3935 120 mm
- 3937 170 mm
- 3952 13-14-15-16-17-18-19 mm
- 3961 3,2
- 3961 3,3
- 3961 3,5
- 3961U 3,2 - 4,0 mm
- 3969 200 mm (x2)
- 3969K3 113 mm
- 3973/1
- 3973/2
- 3973/3
- 3973/4
- 3984/1 Ø35 mm
- 3984/2 Ø22,8 mm
- 3984/3 Ø23,5 mm
- 3984/4 Ø23 mm
- 3991 222 mm
- 3992 234 mm

3,1 kg



M400	1	024500400
MV400	1	024510400

M401

7



- 3921 440 mm
- 3948
- 3953
- 3955 30x32 - 32x36 mm
- 3967 289 mm
- 3971

2,7 kg



M401	1	024500401
MV401	1	024510401

RSC22 RSC23 RSC23C C27S		503 518
C41S C41H		503

MC10

34



- 42 6-7-8-9-10-11-12
13-14-15-16-17
18-19-21-22 mm
- 96/SC9 1,5-2-2,5-3-4-5-6-8-10 mm
- ⚡ 1084BM 160 mm
- ≡ 1150G 180 mm
- 1166G 160 mm
- 1201E 3,5x100-5,5x150-6,5x150 mm
- ⊕ 1202E PH0x60-PH1x80-PH2x100 mm

3,5 kg



MC10	1	027500011
MCV10	1	027510010

MC12

26



- 42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 96/SC9 1,5-2-2,5-3-4-5-6-8-10 mm
- 1692/5 5 m

2,2 kg



MC12	1	041500012
MCV11	1	041510011



MC20

74



- 860MIX/A31
- 895/1
- 1048N 250 mm
- 1370 300 g
- 32 Ø 4 mm
- 36 Ø 4 mm
- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900/21 150 mm
- 900/25
- 900BG/30C
- 900/42
- 900/55
- 920A 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
- 920/25
- 920AN/125 125 mm
- 920/42
- 920/55

6 kg

12"



MC20	1	027500020
MCV20	1	027510021

MC21

24



- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 920/25
- 920/42
- ⊕ 920/55
- 920AN 125-250 mm

4,3 kg



MC21	1	041500021
MCV21	1	041510021



C35



504÷506



MB12



- 42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 55 6x7-8x9-10x11
12x13-14x15
16x17-18x19
20x22 mm
- 1048N 250 mm

5,4 kg



MB12 1 024504212
MBV13 1 024524213

MB38



- 96T 2-2,5-3-4-5-6-7-8 mm
- 851SR 230 mm
- 860LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 860PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 860PH PH0 - PH1 - PH2 - PH3 - PH4
- 860PZ PZ1 - PZ2 - PZ3 - PZ4
- 860RTX T9-T10-T15-T20-T25-T27-T30-T40
- 860TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 860/55 100 mm
- 882P
- 892/0
- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42
- 920/55
- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm

5,9 kg



MB38 1 024504238
MBV35 1 024524235

MB39



- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42
- 920/55
- 920PE 5-6-8-10-12 mm
- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 35 200 mm
- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm
- 1370 500 g
- 1390 35 mm

7,2 kg



MB39 1 024504239
MBV36 1 024524236

MB44



- 1260 2,5x50-3x75-3,5x100-4x100-5,5x125-6,5x150-8x200 mm
- 1260N 4x30-6,5x30 mm
- 1262 PH0x60-PH0x100-PH1x80-PH1x120-PH2x100-PH2x150-PH3x150 mm
- 1262N PH1x30-PH2x30 mm
- 1253
- 96BPC/SC9
- 951 2,5-3-4-5-6-8 mm

2,8 kg



MB44 1 024504244
MBV44 1 024524244

Beta
Quality Tools

MB37



- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 920/21 125 mm
- 920/22 150 mm
- 920/25
- 920/42
- 920/55
- 111E 250 mm
- 1052 240 mm
- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm
- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 900 44,5-55,5-67-89-10-11-12-13-14 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/55
- 900/42

7,0 kg

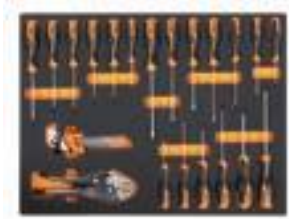


MB37 1 024504237
MBV40 1 024524240

Beta

MB45

29



- 1260 2,5x50-3x75-3,5x100-4x100-5,5x100-5x125-6,5x150 mm
- ⊕ 1262 PH0x60-PH0x100-PH1x80-PH1x120-PH2x100-PH2x150 mm
- ⊖ 1267TX T8-T10-T15-T20-T25-T30
- 1052 240 mm
- 96BPC/SC9

2,8 kg

MB45	1	024504245
MBV45	1	024524245

MB46

29



- 1260 3x75-4x100-5,5x125-6,5x150 mm
- ⊕ 1262 PH0x60-PH1x80-PH2x100 mm
- ⊖ 1267TX T8-T10-T15-T20-T25-T30
- 96BPC/SC9
- 96T 2-2,5-3-4-5-6
- 1052 240 mm

2,8 kg

MB46	1	024504246
MBV46	1	024524246

MB47

48



- 1260 3x75-4x100-5,5x125-6,5x150 mm
- ⊕ 1262 PH0x60-PH1x80-PH2x100 mm
- 1260N 4x30 mm
- ⊕ 1262N PH1x30 mm
- 96T 2,5-3-4-5-6-8 mm
- 96BPC/SC9
- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 920/21 125 mm
- 920/22 250 mm
- 920/25
- 920/42
- ⊖ 920/55

5,6 kg

12"

MB47	1	024504247
MBV47	1	024524247

MB56

15



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm
- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 1370T 300 g
- 1390N Ø 35 mm
- 35 200 mm
- 1692 5 mt
- 1725CR 260 mm
- 1771 18 mm

3,7 kg

MB56	1	024504256
MBV56	1	024524256

MB58

17



- 31 Ø 2-3-4-5-6 mm
- 32 Ø 4 mm
- 35 200 mm
- 1112 250 mm
- 1128BMX
- 1370 500 g
- 1390 Ø 45 mm
- 1719BMA...Q 200 mm
- ▲ 1719BMA...T 200 mm
- 1719BMA...P 200 mm
- ▶ 1719BMA...M 200 mm
- 1719BMA...R 200 mm
- 1726 440 mm

4,5 kg

MB58	1	024504258
MBV55	1	024524255



MB59

15



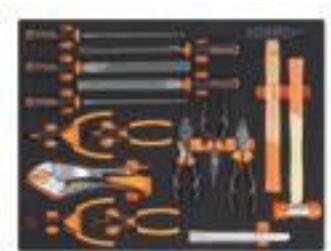
- 1719BMA...Q 200 mm
- ▲ 1719BMA...T 200 mm
- 1719BMA...P 200 mm
- ▶ 1719BMA...M 200 mm
- 1719BMA...R 200 mm
- 31 Ø 4-6 mm
- 32 Ø 4 mm
- 35 125-200 mm
- 1370 300 g
- 1390 Ø 35 mm
- 1692 5 mt
- 1725 420 mm
- 1833XS/2

3,4 kg

MB59	1	024504259
MBV57	1	024524257

MB65

16



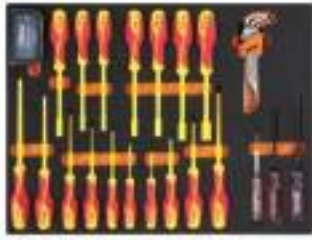
- 1719BMA...Q 200 mm
- 1719BMA...P 200 mm
- 1719BMA...T 200 mm
- 1719BMA...M 200 mm
- 1719BMA...R 200 mm
- 35 200 mm
- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 1052 240 mm
- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm
- 1370 500 g
- 1390 Ø 35 mm

4,8 kg

MB65	1	024504265
MBV61	1	024524261

MB63

60



- 96BPC/SC9
- 1250 4x125 mm
- ⊕ 1251 PH1x125 mm
- 1253
- 943MQ 5,5-6-7-8-10-13 mm
- ⊕ 1272MQ PH0x60-PH1x80-PH2x100-PH3x150 mm
- 1274MQ 2,5x75-3x100-4x100-5,5x125-6,5x150-8x175 mm
- 860LP 0,5x3 - 0,6x4 - 0,8x5,5
1,0x5,5 - 1,2x6,5 mm
- 860PE 2 - 2,5 - 3 - 4 - 5 - 6
8 - 10 mm
- ⊕ 860PH PH0 - PH1 - PH2 - PH3 - PH4
- ⊕ 860PZ PZ1 - PZ2 - PZ3 - PZ4
- ⊕ 860RTX T9 - T10 - T15 - T20
T25 - T27 - T30 - T40
- 882MSR 50 ○ 1/4 ● 1/4
- 850MQ

3,2 kg



MB63 1 024504263
MBV63 1 024524263

MB64

20



- 55 6x7-8x9-10x11
12x13-14x15
16x17-18x19
20x22 mm
- 1048MQ 250 mm
- 1082MQ 140 mm
- 1128BSX
- 1132MQ 230 mm
- 1142MQ 160 mm
- 1150MQ 180 mm
- 1166MQ 160 mm
- 1168MQ 160 mm
- 110MQ 250 mm
- 1777MQ
- 993MQ
- 1602

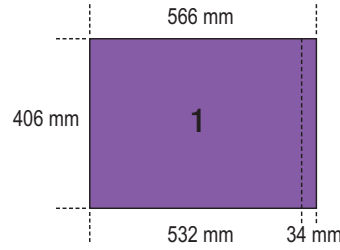
4,1 kg



MB64 1 024504264
MBV62 1 024524262



C45PRO



506



MM11

30



- 42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm

4,5 kg



MM11 1 024580011
MMV10 1 024590010

MM61

17



- 96T 2-2,5-3-4-5-6-7-8 mm
- 1390 Ø 35
- 1370 300 g
- 35 100-200 mm
- 1719BMA8/S5 200 mm

2,9 kg



MM61 1 024580061
MMV61 1 024590061

MM63

8



- 952 7-8-10-12-13-14-17-19 mm

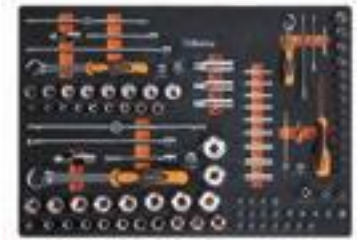
3,4 kg



MM63 1 024580063
MMV63 1 024590063

MM105

107



- 895/1 ○ 1/4 □ 1/4
- 895/3 ○ 1/4 □ 3/8
- 895/6 ○ 5/16 □ 1/2
- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900L 5-6-7-8-9-10-11-12-13 mm
- 900ME 3-4-5-6-7 mm
- 900LP 0,8x4-1x5,5-1,2x6,5-1,2x8
- ⊕ 900PH PH1-PH2-PH3-PH4
- ⊕ 900TX T10-T15-T20-T25-T27-T30-T40
- 900/16
- 900/... 50-100-150 mm
- 900/25
- 900BG/30 176 mm
- 900/42 115 mm
- 900/55 125 mm
- 910A 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 910/15 □ 3/8 ■ 1/4
- 910/16 □ 3/8 ■ 1/2
- 910/21 125 mm
- 910/22 250 mm
- 910/25
- 910/42 210 mm
- 910/55 200 mm
- 920A 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 920/15 □ 1/2 ■ 3/8
- 920/25
- 920AN 125-250 mm
- 920/42 305 mm
- 920/55 275 mm
- 956E 16 mm (5/8")-17,8 (11/16")-20,8 (13/16")

7,2 kg

14" 3/8" 12"



MM105 1 024580105
MMV105 1 024590105



MM140

52



- 97TTX T10-T15-T20-T25-T30
- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm
- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 1048N 250 mm
- 1052 240 mm
- 1256/C36-2

2,2 kg



MM140	1	024580141
MMV142	1	024590142

MM210

25



- 1201E 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm
- 1201EN 4x30 mm
- 1202E PH0x60-PH1x80-PH2x100-PH3x150 mm
- 1202EN PH1X30 mm
- 1207E/TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45
- 1253

2,1 kg



MM210	1	024580211
MMV210	1	024590210

MM400

29



- 3932U
- 3935 120 mm
- 3937 170 mm
- 3952 13-14-15-16-17-18-19 mm
- 3961 3,2
- 3961 3,3
- 3961 3,5
- 3961U 3,2 - 4,0 mm
- 3969 200 mm (x2)
- 3969K3 113 mm
- 3973/1
- 3973/2
- 3973/3
- 3973/4
- 3984/1
- 3984/2
- 3984/3
- 3984/4
- 3991 222 mm
- 3992 234 mm

3,1 kg



MM400	1	024580400
MMV400	1	024590400

MM401

7



- 3921 440 mm
- 3948
- 3953
- 3955 30x32 mm - 32x36 mm
- 3967 289 mm
- 3971

2,7 kg



MM401	1	024580401
MMV401	1	024590401

VPM0

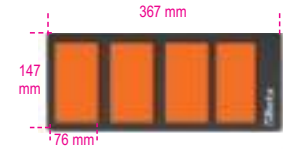
soft thermoformed tray with tote tray



VPM0	1	088870350
------	---	-----------

VPM3

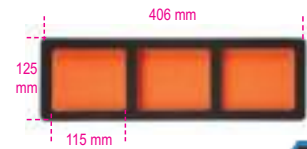
soft thermoformed tray with 4 tote trays



VPM3	1	088870353
------	---	-----------

VPM7

soft thermoformed tray with 3 tote trays



VPM7	1	088870356
------	---	-----------

VPM8

soft thermoformed tray with tote tray



VPM8	1	088870357
------	---	-----------

VPM9

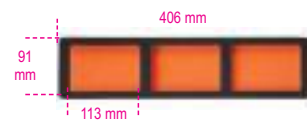
soft thermoformed tray with tote tray



VPM9	1	088870358
------	---	-----------

VPM7-C

soft thermoformed tray with tote tray

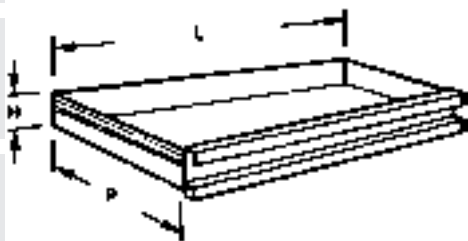


VPM7-C	1	088870360
--------	---	-----------

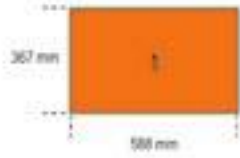
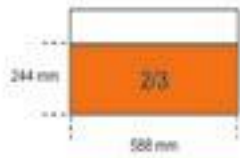
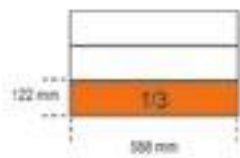
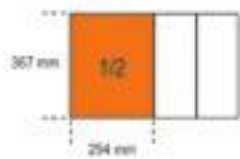
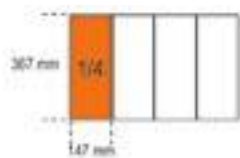
Hard thermoformed trays T-series



Assortment of tools in thermoformed trays, designed for all roller cabs and all trolleys.



H	LxP
mm	mm
70	588x367



T01



42

6-7-8-10-11-12-13
14-16-17-18-19-21
22-24-27-30 mm



2,7 kg



T01	1	024240001
TV10	1	024000400

T05



42

6-7-8-9-10-11-12
13-14-15-16-17
18-19-20-21 mm



1,5 kg



T05	1	024240005
TV15	1	024000445

T06



42

22-24-27-30-32 mm



2,1 kg



T06	1	024240006
TV16	1	024000446

T13



42SLIM

8-10-11-12
13-14-15-16-17
18-19 mm



1,5 kg



T13	1	024240013
TV13	1	024249913

T18



42MP

6-7-8-9-10-11-12
13-14-15-16-17
18-19-20-21 mm



1,5 kg



T18	1	024240018
TV15	1	024000445

T19



42MP

22-24-27-30-32 mm



2,1 kg



T19	1	024240019
TV16	1	024000446

T22



42AS

5/16-3/8-7/16-1/2
9/16-5/8-11/16-3/4
3/32-1/8-5/32-3/16
1/4-5/16-3/8



1 kg



T22	1	024240022
TV20	1	024000488

T23



42INOX

8-10-11-12-13-14-15-
17-19 mm



96BPINOX 2,5-3-4-5-6-8-10 mm

1 kg



T23	1	024240023
TV23	1	024249906

T31



31 Ø 2-3-4-5-6 mm
 32 Ø 4 mm
 55 6x7-8x9-10x11
 12x13-14x15
 16x17-18x19
 20x22-21x23
 24x26-27x29
 30x32 mm
 ○96N/SC9 1,5+10 mm

3 kg



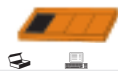
T31 1 024240031
 TV30 1 024000401

T33



55 6x7-8x9-10x11
 12x13-14x15
 16x17-18x19
 20x22 mm
 ○96/SC9 1,5+10 mm

1 kg



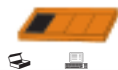
T33 1 024240033
 TV20 1 024000488

T34



55MP 6x7-8x9-10x11
 12x13-14x15
 16x17-18x19
 20x22 mm
 ○96/SC9 1,5+10 mm

1 kg



T34 1 024240034
 TV20 1 024000488

T40



90 6x7-8x9-10x11
 12x13-14x15
 16x17-18x19 mm

810 g



T40 1 024240040
 TV40 1 024000456

T41



90 20x22-21x23
 24x26-25x28
 27x29 mm

1,5 kg



T41 1 024240041
 TV41 1 024000457

T45



142 8-9-10-11-12
 13-14-15-16
 17-18-19 mm

1,3 kg



T45 1 024240045
 TV45 1 024000498

T46



142SN 8-9-10-11-12
 13-14-15-16
 17-18-19 mm

1,5 kg



T46 1 024240046
 TV46 1 024000499

T48



○96BPC/SC9 1,5+10 mm
 142C 8-9-10-11-12
 13-14-15-16
 17-18-19 mm

1,4 kg



T48 1 024240048
 TV47 1 024000763

T50



○96T 2-2,5-3-3,5-4-4,5
 5-6-7-8-10 mm

1,3 kg



T50 1 024240050
 TV50 1 024000764

T52



○96T 2-2,5-3-4-5-6 mm

350 g



T52 1 024240052
 TV52 1 024000765

T53



○96TBP 2,5-3-4-5-6 mm

300 g



T53 1 024240053
 TV52 1 024000765

T55



○97TTX T10-T15-T20
 T25-T27-T30

330 g



T55 1 024240055
 TV55 1 024000766

T57



○ 96TINOX 2,5-3-4-5-6 mm



350 g

T57 1 024240057
TV57 1 024249907

T59



111E 250 mm
920/40 1/2
○ 951 2,5-3-4-5-6-8 mm
○ 953 4-5-6-8 mm
1370 300 - 500 g

4,7 kg

T59 1 024240059
TV60 1 024000420

T63



○ 952 7-8-10-12-13-14-17-19 mm

3,8 kg

T63 1 024240063
TV63 1 024000471

T64



○ 952FTX E10-E12-E14
○ 953TX T25-T27-T30-T40-T45

3,8 kg

T64 1 024240064
TV63 1 024000471

T65



○ 953 3-3,5-4-5-6-7-8-10 mm

2,8 kg

T65 1 024240065
TV63 1 024000471

T68



○ 951 2,5-3-4-5-6-8 mm

590 g

T68 1 024240068
TV68 1 024000470

T73



○ 930 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
940/1
940/2

1,3 kg

T73 1 024240073
TV73 1 024000418

T75



○ 933 7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24 mm

4,2 kg

T75 1 024240075
TV75 1 024000422

T76



○ 932 7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24 mm

4,2 kg

T76 1 024240076
TV75 1 024000422

T77



○ 933 6-7-8-10-11-12-13-14-17-19 mm

1,4 kg

T77 1 024240077
TV77 1 024000474

T79



80 8x9-10x11-12x13-14x15-16x17-18x19 mm

1,3 kg

T79 1 024240079
TV79 1 024000490

T80

29



- 920A 10-11-12-13-14
15-16-17-18-19
20-21-22-23-24
26-27-30-32 mm
- 920ME 5-6-8-10-12 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25 305 mm
- 920/42 305 mm
- ⑦ 920/55

4,1 kg

12"



T80	1	024240080
TV80	1	024000403

T81

29



- 920B 10-11-12-13-14
15-16-17-18-19
20-21-22-23-24
26-27-30-32 mm
- 920ME 5-6-8-10-12 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25 305 mm
- 920/42 305 mm
- ⑦ 920/55

4,1 kg

12"



T81	1	024240081
TV80	1	024000403

T82

29



- 920A 10-11-12-13-14
15-16-17-18-19
20-21-22-23-24
26-27-30-32 mm
- 920ME 5-6-8-10-12 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25 305 mm
- 920/42 305 mm
- ⑦ 920/55

4,1 kg

12"



T82	1	024240082
TV80	1	024000403

T83

24



- 920A 10-11-12-13-14
15-16-17-18-19
20-21-22-23-24
26-27-30-32 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25 305 mm
- 920/42 305 mm
- ⑦ 920/55

3,6 kg

12"



T83	1	024240083
TV83	1	024000402

T85

81



- 861LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 - 1,2x8 - 1,6x8 mm
- 861PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- ⊕ 861PH PH0 - PH1 - PH2 - PH3
- ⊕ 861PZ PZ1 - PZ2 - PZ3
- ⊕ 861TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- ⊕ 861RTX T9-T10-T15-T20-T25-T27-T30-T40
- ⊕ 861TRW 1-2-3-4-5-6 mm
- ⊕ 861TQS 0-1-2-3-4-5-6-8-10 mm
- ⊕ 861SP 4-6-8-10-12 mm
- 851SR 230 mm
- 900 4-4,5-5-5,5-6-7-8-9
10-11-12-13-14 mm
- 900/21 150 mm
- 900/25 41 mm
- 900BG/30 176 mm
- 900/42 115 mm
- ⑦ 900/55 125 mm
- 194 1/4x5/16

1,0 kg

1/4"



T85	1	024240085
TV85	1	024000747

T91

25



- 900 4-4,5-5-5,5-6
7-8-9-10-11
12-13-14 mm
- 900ME 2,5-3-4-5-6-8 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25 115 mm
- 900BG/30 115 mm
- 900/42 115 mm
- ⑦ 900/55

560 g

1/4"



T91	1	024240091
TV90	1	024000447

T92

22



- 910A 6-7-8-9-10-11-12-13
14-15-16-17-18-19
20-21-22 mm
- 910/21 125 mm
- 910/22 250 mm
- 910/25 210 mm
- 910/42 210 mm
- ⑦ 910/55

1,5 kg

3/8"



T92	1	024240092
TV92	1	024000458

T99

16



- 920INOX-A 10-12-13-14-15-16-17
18-19-21-22-24-27
30-32 mm
- ⑦ 920/55INOX



2,7 kg

12"



T99	1	024240099
TV99	1	024249908

T100

16



- 920A 10-12-13-14-15
16-17-18-19-21
22-24 mm
- 920/21 125 mm
- 920/25 305 mm
- 920/42 305 mm
- ⑦ 920/55

2,1 kg

12"



T100	1	024240100
TV100	1	024000495

T101

16



- 920B 10-12-13-14-15
16-17-18-19-21
22-24 mm
- 920/21 125 mm
- 920/25 305 mm
- 920/42 305 mm
- ⑦ 920/55

2,1 kg

12"



T101	1	024240101
TV100	1	024000495

T102

16



- 920AS 3/8-7/16-1/2
9/16-5/8-11/16
3/4-13/16-7/8
15/16-1-1.1/16
- 920/21 125 mm
- 920/25 305 mm
- 920/42 305 mm
- ⑦ 920/55

2,1 kg

12"



T102	1	024240102
TV100	1	024000495

T103

17



- 900L 6-7-8-9-10-11-12 mm
- 920AL 13-14-16-17-18-19-21-22-24-27 mm

1,1 kg

14" 12"



T103	1	024240103
TV103	1	024000748

T105

11



- 928A 22-24-27-30-32-34-36-38-41-46-50 mm

4,9 kg

34"



T105	1	024240105
TV105	1	024000484

T106

4



- 928/21 200 mm
- 928/22 380 mm
- 928/42 450 mm
- 928/55

4,5 kg

34"



T106	1	024240106
TV106	1	024000485

T111

16



- 720 10-13-15-17-18-19-21-22-24-27-30-32 mm
- 720LC 17-19-21 mm
- 720/21 125 mm

2,7 kg

12"



T111	1	024240111
TV111	1	024000476

T112

32



- 861TX ● 1/4-T6+T15
- 866TX ● 5/16-T20+T55
- 895/1 ○ 1/4x□1/4
- 895/6 ○ 5/16x□1/2
- 900FTX □ 1/4-E4+E10
- 920FTX □ 1/2-E12+E24
- 920TX □ 1/2-T55L-T60-T70L

1,3 kg

14" 12"



T112	1	024240112
TV112	1	024000480

T113

12



- 920PE 5L-6L-7L-8L-10L
- 920TX T40L-T45L T55L-T70L
- 920XZN M6L-M8L-M12L

1,5 kg

12"



T113	1	024240113
TV113	1	024000489

T121

1



- 666N/20 40 - 200 Nm

1,4 kg

12"



T121	1	024240121
TV121	1	024000767

T123

3



- 1082G 160 mm
- 1150G 180 mm
- 1166G 160 mm

550 g



T123	1	024240123
TV135	1	024000762

T124

3



- 1082GBM 160 mm
- 1150GBM 180 mm
- 1166GBM 160 mm

640 g



T124	1	024240124
TV135	1	024000762

T135

3



- 1082MQ 160 mm
- 1150MQ 180 mm
- 1166MQ 160 mm

1000 V

750 g



T135	1	024240135
TV135	1	024000762

T136

2



- 1048MQ 250 mm
- 1777MQ/U

1000 V

700 g



T136	1	024240136
TV136	1	024000438

T137

3



- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm

750 g



T137	1	024240137
TV130	1	024000451

T138



- 1084 160 mm
- 1150 180 mm
- 1166 160 mm

650 g



T138	1	024240138
TV130	1	024000451

T140



- 1032 140x0,9 - 180 mm
- 1034 170 mm
- 1036 140x1,3 - 175 mm
- 1038 175 mm
- 1084 160 mm
- 1128BM

1,1 kg



T140	1	024240140
TV140	1	024000405

T144



- 1048N 250 mm
- 1052 240 mm
- 1112 250 mm
- 1150 180 mm

1,8 kg



T144	1	024240144
TV143	1	024000409

T145



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm

640 g



T145	1	024240145
TV145	1	024000448

T146



- 1032 140x0,9 mm
- 1032 225 mm
- 1036 140x1,3 mm
- 1036 225 mm

700 g



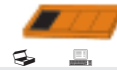
T146	1	024240146
TV146	1	024000449

T151



- 1047 240 mm
- 1057A 240 mm

1,3 kg



T151	1	024240151
TV150	1	024000462

T153



- 1048N 250 mm
- 1052 240 mm

1,1 kg



T153	1	024240153
TV150	1	024000462

T156



- 1082 160 mm
- 1150 180 mm
- 1048N 250 mm

1 kg



T156	1	024240156
TV148	1	024000500

T157



- 1082BM 160 mm
- 1150BM 180 mm
- 1048BM 250 mm

1,1 kg



T157	1	024240157
TV148	1	024000500

T160



- 1290 3x75
- 3x100
- 4x100
- 4x150
- 5,5x100
- 5,5x150
- 6,5x150
- 8x150
- 10x200 mm
- 1290N 4x30
- 6,5x30 mm

1,3 kg



T160	1	024240160
TV160	1	024000706

T161



- 1292 PH0x60
- PH0x100
- PH1x80
- PH1x120
- PH2x100
- PH2x150
- PH3x150 mm
- 1292N PH1x30
- PH2x30 mm

1 kg



T161	1	024240161
TV161	1	024000707

T164



- 952 8-10-13-17-19 mm
- 959 16 mm (5/8") - 20,8 mm (13/16")
- 1260 3x75-4x100-5,5x100-6,5x150-10x200 mm
- 1262 PH0x60-PH1x80-PH2x100-PH3x150 mm

5 kg



T164	1	024240164
TV61	1	024000721

T167

11



- 1260 3x75
3x100
4x100
4x150
5,5x100
5,5x150
6,5x150
8x150
10x200 mm
- 1260N 4x30
6,5x30 mm

1,3 kg



T167 1 024240167
TV160 1 024000706

T172

6



Betamax

- 1292 PH0x60
PH0x100
PH1x80
PH1x120
PH2x100
PH2x150 mm

450 g



T172 1 024240172
TV172 1 024000743

T177

8



Betamax

- 1298RTX T9-T10-T15
T20-T25-T27
T30-T40

680 g



T177 1 024240177
TV177 1 024000759

T168

9



- 1262 PH0x60
PH0x100
PH1x80
PH1x120
PH2x100
PH2x150
PH3x150 mm
- 1262N PH1x30
PH2x30 mm

1 kg



T168 1 024240168
TV161 1 024000707

T173

4



Betamax

- 1292 PH3x150
PH4x200 mm
- 1292N PH1x30
PH2x30 mm

560 g



T173 1 024240173
TV173 1 024000744

T180

7



Betamax

- 1290 3x75
4x100
5,5x150
6,5x150 mm
- 1292 PH0x60
PH1x80
PH2x100 mm

480 g



T180 1 024240180
TV180 1 024000701

T170

7



Betamax

- 1290 2,5x50
3x75
3,5x100
4x125
5,5x100
5,5x150
6,5x150 mm

450 g



T170 1 024240170
TV170 1 024000741

T175

7



Betamax

- 1297TX T6-T7-T8-T9
T10-T15-T20

410 g



T175 1 024240175
TV175 1 024000760

T183

5



Betamax

- 1292L PH1x400-PH2x400 mm
- 1294L 3x300-4x400-5x400 mm

580 g



T183 1 024240183
TV183 1 024000497

T171

5



Betamax

- 1290 8x150
8x200
10x200 mm
- 1290N 4x30
6,5x30 mm

750 g



T171 1 024240171
TV171 1 024000742

T176

5



Betamax

- 1297TX T25-T27-T30
T40-T45

640 g



T176 1 024240176
TV176 1 024000761

T198

7



- 1260 3x75
4x100
5,5x150
6,5x150 mm
- 1269PZ PZ0 - PZ1 - PZ2

490 g



T198 1 024240198
TV180 1 024000701

T199



- 1260 2,5x50
3x75
3,5x100
4x125
5,5x100
5,5x150
6,5x150 mm

490 g



T199	1	024240199
TV170	1	024000741

T201



- 1260 8x200
10x150
10x200 mm
- 1260N 4x30
6,5x30 mm

680 g



T201	1	024240201
TV171	1	024000742

T202



- ⊕ 1262 PH0x60
PH0x100
PH1x80
PH1x120
PH2x100
PH2x150 mm

490 g



T202	1	024240202
TV172	1	024000743

T204



- ⊕ 1262 PH3x150
PH4x200 mm
- ⊕ 1262N PH1x30
PH2x30 mm

610 g



T204	1	024240204
TV173	1	024000744

T205



- ⊕ 1267TX T6-T7-T8-T9
T10-T15-T20

460 g



T205	1	024240205
TV175	1	024000760

T206



- ⊕ 1267TX T25-T27-T30
T40-T45

710 g



T206	1	024240206
TV176	1	024000761

T207



- ⊕ 1268RTX T9-T10-T15
T20-T25-T27-T30

760 g



T207	1	024240207
TV207	1	024000758

T208



- 1260 3x75
4x100
5,5x150
6,5x150 mm
- ⊕ 1262 PH0x60
PH1x80
PH2x100 mm

530 g



T208	1	024240208
TV180	1	024000701

T209



- ⊕ 1262L PH1x400-PH2x400 mm
- 1264L 3x300-4x400-5x400 mm

580 g



T209	1	024240209
TV183	1	024000497

T211



- 1201E 2,5x50
3x75
3,5x100
4x125
5,5x100
5,5x150
6,5x150 mm

490 g



T211	1	024240211
TV170	1	024000741

T213



- ⊕ 1202E PH0x60
PH1x80
PH1x120
PH2x100
PH2x150
PH3x150 mm

490 g



T213	1	024240213
TV212	1	024000440

T216



- ⊕ 1207E/TX T6-T7-T8-T9
T10-T15-T20

410 g



T216	1	024240216
TV175	1	024000760

T221



- 1201E 3x75
4x100
5,5x150
6,5x150 mm
- ⊕ 1202E PH0x60
PH1x80
PH2x100 mm

530 g



T221 1 024240221
TV180 1 024000701

T226



- 1274MQ 3x100
4x100
5,5x125
6,5x150 mm
- ⊕ 1272MQ PH0x60
PH1x80
PH2x100 mm

⚡ 1000 V

460 g



T226 1 024240226
TV180 1 024000701

T227



- 944BX 5-6-7-8-10-13 mm

490 g



T227 1 024240227
TV227 1 024000705

T228



- 1290INOX 3x75 - 4x100 -
5,5x150 - 6,5x150 mm
- ⊕ 1292INOX PH0x60 - PH1x80 -
PH2x100 mm



480 g



T228 1 024240228
TV180 1 024000701

T231



- 1370 400 g
- 1390 Ø 35 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- 1719BMA/M 200 mm

1,7 kg



T231 1 024240231
TV230 1 024000411

T233



- 35 100-200 mm
- 1370F 32 mm
- 1390 Ø 35 mm

1,3 kg



T233 1 024240233
TV232 1 024000452

T234



- 35 100-200 mm
- 1370 300 g
- 1390 Ø 35 mm

1,3 kg



T234 1 024240234
TV232 1 024000452

T236



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- 1719BMA/M 200 mm
- 1719BMA/R 200 mm

870 g



T236 1 024240236
TV235 1 024000453

T239



- 31BM Ø 2-3-4-5-6-8 mm
- 32 Ø 4 mm

850 g



T239 1 024240239
TV239 1 024000439

T241



- 1500N/1
- 1500N/3
- 1516/1

4,2 kg



T241 1 024240241
TV241 1 024000414

T250

Automotive



- 34 150 mm
- 83/S3 11x13-14x17
19x22 mm
- 1458 175 mm
- 1491
- 1603
- 1708/13 0,05+1 mm

1430 g



T250 1 024240250
TV250 1 024000408

T256

Automotive



- 956E 16 mm (5/8) - 20,8 mm (13/16)
- 956L 16 mm (5/8) - 20,8 mm (13/16)
- 959 16 mm (5/8) - 20,8 mm (13/16)
- 1164 200 mm
- 1708/20 0,05+1 mm

3,2 kg



T256 1 024240256
TV255 1 024000467

T259

40



- 96BP 2,5-3-4-5
6-8-10 mm
- 96N 12 mm
- 860MIX/A31
-
- +
- +
- ⊗
- 895/1

950 g



T259	1	024240259
TV263	1	024000492

T264

16



- 1491 Ø 65+110 mm
- 1494 ■ 10 mm
- 1494E ○ 8-9-10-11-12-14-17 mm
- 1494Q ○ 8-9,5-12-13 mm
- △ 1494T △ 9,5
- 1494XZN ○ 16
- 1496C ■ 8x ■ 10 mm

2,1 kg



T264	1	024240264
TV264	1	024000466

T270

60



- 430 M3 - 4 - 5 - 6 - 7 - 8 - 9
10 - 12 - 14 - 16 - 18 - 20
- 433 M6x0,75 - M8x1 - M10x1,25
M12x1,5 - M14x1,5
M16x1,5 - M18x1,5
- 440 M3 - 4 - 5 - 6 - 7 - 8 - 9
- 440A M10 - 12 - 14 - 16 - 18 - 20
- 441 M6x0,75 - M8x1,0
- 441A M10x1,25 - M12x1,5
M14x1,5 - M16x1,5
M18x1,5

4,3 kg



T270	1	024240270
TV270	1	024000481

T273

7



- 435/1,5 M3+M12
- 435/3 M5+M21
- 436/1 □ 2,0+5,0 mm
(M3+M8)
- 436/2 □ 4,6+8 mm
(M5+M12)
- 444/1 Ø 25,4 mm
- 444/2 Ø 38,1 mm
- 1707 W 62+4x1"

2,1 kg



T273	1	024240273
TV272	1	024000482

T281

1



- 1741B 250 mm
- 1741RV2,9K 2,9x6 mm (100)
- 1741RV3,2K 3,2x8 mm (100)
- 1741RV3,8K 3,8x10 mm (100)
- 1741RV4K 4x12 mm (100)

1,4 kg



T281	1	024240281
TV280	1	024000478

T285

4



- 1112 250 mm
- 1128BM -
- 1726 400 mm
- 1728BM (5 pezzi)
- 1753 200 cc

1,5 kg



T285	1	024240285
TV285	1	024000487



T284

10



- 1128BMX
- 1130BMX
- 1719BMA...Q 200 mm
- ▲ 1719BMA...T 200 mm
- 1719BMA...P 200 mm
- ▶ 1719BMA...M 200 mm
- 1719BMA...R 200 mm
- 1726BM 400 mm
- 1728BM
- 1771BM 170 mm
- 1778V18 185 mm

3,3 kg



T284	1	024240284
TV286	1	024249904

T289

4



- 1692 5 m
- 1725CR -
- 1755 30 cc
- 1771 -

500 g



T289	1	024240289
TV290	1	024000455

T291

3



- 1479RB/1
- 1479RB/2
- 1479RB/3

600 g



T291	1	024240291
TV291	1	024000472

T297



1651DGTB
1682
1691BM

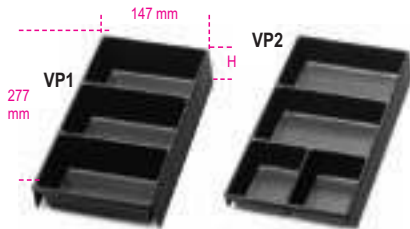
490 g



T297	1	024240297
TV296	1	024000749

VP1 - VP2

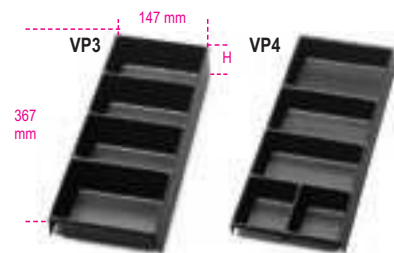
thermoformed trays for small items,
made from plastic
for all roller cabs RSC22, RSC23, RSC23C



VP1	H mm	50	1	088880351
VP2	H mm	35	1	088880352

VP3 - VP4

thermoformed trays for small items,
made from plastic
for all roller cabs and all trolleys



VP3	H mm	50	1	088880353
VP4	H mm	35	1	088880354

VP5

thermoformed tray



VP5	1	088880355
-----	---	-----------



VP6

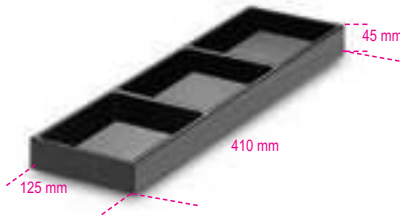
thermoformed tray



VP6	1	088880359
-----	---	-----------

VP-3SC

thermoformed tool trays,
made from plastic,
for mobile roller cab C38 +C04TSS-7



VP-3SC	H mm	45	1	088880356
--------	------	----	---	-----------

VP-LS

thermoformed tool trays,
made from plastic,
for mobile roller cab C38 +C04TSS-7



VP-LS	H mm	45	1	088880357
-------	------	----	---	-----------

VP-LD

thermoformed tool trays,
made from plastic,
for mobile roller cab C38



VP-LD	H mm	45	1	088880358
-------	------	----	---	-----------

8889P1

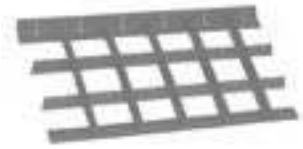
parallel partitions for item RSC22, RSC23,
RSC23C e C27S
drawer 588x277 mm



8889P1/5	h	50 mm	1	088890005
8889P1/7	h	70 mm	1	088890007

8889C1

crossed partitions for item RSC22, RSC23,
RSC23C and C27S
for drawer 588x277 mm



8889C1/5	h	50 mm	1	088890015
8889C1/7	h	70 mm	1	088890017

8889P2

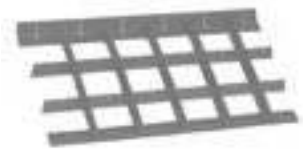
parallel partitions for standard drawer 588x367
mm



8889P2/7	h	70 mm	1	088890107
----------	---	-------	---	-----------

8889C2

crossed partitions for standard drawer
588x367 mm



8889C2	h	70 mm	1	088890117
--------	---	-------	---	-----------

8889P3

parallel partitions for item RSC24AXL

for drawer 882x367 mm

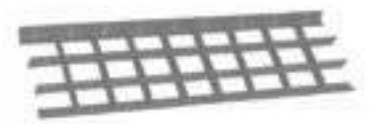


8889P3	h	70 mm	1	088890207
--------	---	-------	---	-----------

8889C3

crossed partitions for RSC24AXL

for drawer 882x367 mm



8889C3	h	70 mm	1	088890217
--------	---	-------	---	-----------

8889P4

parallel partitions for item C41

for drawer 418x205 mm



8889P4	h 70 mm	1	088890307
--------	------------	---	-----------

8889I4

crossed partition for item trolley C41

for drawer 418x205 mm

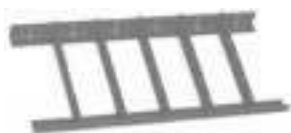


8889C4	h 70 mm	1	088890317
--------	------------	---	-----------

8889PS

parallel partitions for item C38 - C45PRO M4/M5/M7/M8

left side drawer 570x410 mm



8889PS/7	h 70 mm	1	088890407
----------	------------	---	-----------

8889CS

crossed partitions for item C38 - C45PRO M4/M5/M7/M8

left side drawer 570x410 mm



8889CS/7	h 70 mm	1	088890417
----------	------------	---	-----------

8889PD

parallel partitions for item C38

right side drawer 313x410 mm



8889PD/7	h 70 mm	1	088890427
----------	------------	---	-----------

8889CD

crossed partitions for item C38

right side drawer 313x410 mm



8889CD/7	h 70 mm	1	088890437
----------	------------	---	-----------

8889C6

crossed partitions for item C35

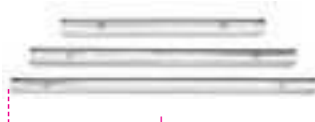
for drawer 600x447 mm



8889C6/7,5	h 75 mm	1	088890475
8889C6/10	100 mm	1	088890480
8889C6/15	150 mm	1	088890485
8889C6/20	200 mm	1	088890490

SB

socket rails



SB1	L 210 mm	10	088880201
SB2	280	10	088880202
SB3	360	10	088880203

PM 1/2-Q5

magnetic socket rail

12"



PM 1/2-Q5	1	088880233
-----------	---	-----------

MB

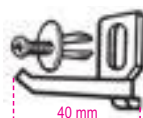
socket clips for rails SB



MB0	1/4	50	088880210
MB1	3/8	50	088880211
MB2	1/2	50	088880212

KIT/GPS

kit of 40-mm GPS hooks with screws VE1



KIT/GPS	50	088880119
---------	----	-----------

VE1

expansion bolts



VE1	20	088880120
-----	----	-----------

GM

snap hooks with expansion bolts VE1

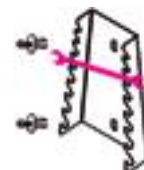


∅ mm		
6,5	5	088880250
9,5	5	088880251
13	5	088880252
16	5	088880253
19	5	088880254
25	5	088880255

S55/8

supports for 8 double open end wrenches, made from sheet metal

• supplied complete with 3 expansion bolts VE1

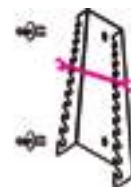


S55/8	1	088880420
55/S8		
55AS/8		
55MP/S8		

S55/12

supports for 12 double open end wrenches, made from sheet metal

• supplied complete with 3 expansion bolts VE1

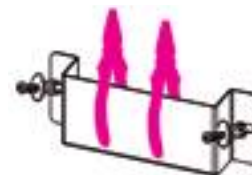


S55/12	1	088880421
55/S12		
55/S12X		
55AS/12		
55MP/S12		

ST2P

pliers pockets, made from sheet metal

• supplied complete with 3 expansion bolts VE1

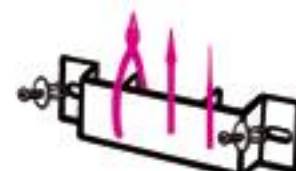


ST2P	1	088880422
------	---	-----------

TSPP

tool pockets, made from plastic material

• supplied complete with 3 expansion bolts VE1

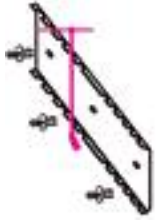


TSPP	1	088880402
------	---	-----------

S952/10

supports for 10 T-handles, made from sheet metal

- supplied complete with 3 expansion bolts VE1



S952/10

1 088880423

S1719BM

supports for 5 files, made from sheet metal

- supplied complete with 3 expansion bolts VE1



S1719BM

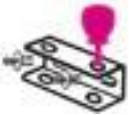
1719BMA: Q-T-P-M-R
1719BMD: Q-T-P-M-R
1719BMX: Q-T-P-M-R

1 088880404

SGN

supports for 2 mini screwdrivers, made from sheet metal

- supplied complete with 3 expansion bolts VE1



SGN

1290N-1292N-1299N/PZ
1260N-1262N-1269N/PZ
1201EN-1202EN-1209EN/PZ

1 088880405

CB/2

hard thermoformed tray for 1/2" sockets and accessories, empty

- only for item C54S

12



CB/2

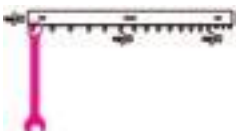
920A/920B
10+24+26-27
28-30-32 mm
920/21-920/22-920/25-
920/42-920/55

1 088880411

S42/17

supports for 17 combination wrenches, made from sheet metal

- supplied complete with 3 expansion bolts VE1



S42/17

42/S17
42MP/S17
42/S17X
42AS/17
142/S17

1 088880428

S951/6

supports for 6 T handle wrenches with hexagon male ends, made from sheet metal

- supplied complete with 3 expansion bolts VE1



S951/6

951/S6
951AS/S6X
951TX/S6

1 088880429

SPG11 - S1203/8

supports for screwdrivers, made from sheet metal

- supplied complete with 3 expansion bolts VE1



SPG11

n.8 Ø = 7 mm
n.2 Ø = 10 mm
n.1 Ø = 12 mm

S1203/8

1203E/S8
1263/D8
1293/S8

1 088880910

1 088880430

S96T/8

supports for 8 offset hexagon key wrenches, with high torque handles, made from sheet metal

- supplied complete with 3 expansion bolts VE1



S96T/8

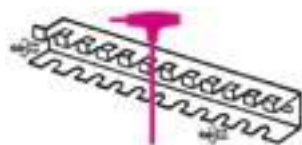
96T/AS8
96T/S8
97TTX/S8

1 088880431

96T/SPV

supports for 11 offset hexagon key wrenches, with high torque handles, made from sheet metal

- supplied complete with 3 expansion bolts VE1



96T/SPV

96T/S11
97TTX/S11

1 000960958



Beta



Beta

CHEMICALS

Tightening a bolt is not always enough to guarantee secure tightening. Cleaning, lubrication and sealing are also necessary.

The range comprises anaerobic sealants, cyanoacrylate adhesives and aerosol cans for maintaining, cleaning and lubricating mechanical parts.

Anaerobic Products

Anaerobic products allow complete filling of small superficial irregularities in metal, so that mechanical stress can be distributed throughout the connecting surface. They harden in total absence of oxygen and completely seal joints or threads from water, gas, oil, fuel and industrial fluids.

They are available in three different strengths – high (H), medium (M) and low (L) – and in different packs, to satisfy different needs.

Silicone sealant

- Enables permanent elastic sealing.
- Replaces preformed gaskets.
- The convenient dispenser allows easy (one-coated), accurate, uniform spreading of the product.
- Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket.

Instant Glue

Adhesive based on ethyl cyanoacrylate, for structural joints in a number of materials.

Aerosols

A wide range of products in spray cans, for use for unlocking, greasing, lubricating, cleaning, galvanizing and sanitizing purposes.

Liquids

Developed to remove encrustations and rust from mechanical parts and metal objects. Ideal for use with ultrasonic cleaning tanks 1895.



ATTENTION

Countries where the products of the Beta Chemicals range are allowed to be distributed: Austria, Andorra, Belgium, Czech Republic, Dominican Republic, France, Hungary, Italy, Netherlands, New Caledonia, People's Republic of China, Poland, Portugal, Principality of Monaco, Republic of Ireland, Reunion, San Marino, Slovakia, Slovenia, Spain, Switzerland, United Arab Emirates, United Kingdom.

9803H

threadlocker-High Resistance

Ideal for permanent locking of parts that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel. Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,25
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	800/1200
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	30-40 Nm

ml				
20	bottle	12	098030002	
50	bottle	4	098030005	
250	bottle	4	098030025	
20		12	098032002	
50		4	098032005	
250		4	098032025	

9802M

threadlocker-Medium Resistance

Ideal for fixing parts subject to periodic maintenance, bearings and bushes. Allows dismantling by using hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,15
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	500/800
Breakaway torque ISO-10964	22-30 Nm
Prevailing torque ISO-10964	20-25 Nm

ml				
20	bottle	12	098020002	
50	bottle	4	098020005	
250	bottle	4	098020025	
20		12	098022002	
50		4	098022005	
250		4	098022025	

9801L

threadlocker-Low Resistance

Ideal for fixing particular light alloys which could get damaged during disassembly and for adjusting screws. Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,10
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	500/800
Breakaway torque ISO-10964	6-10 Nm
Prevailing torque ISO-10964	4-8 Nm

ml				
20	bottle	12	098010002	
50	bottle	4	098010005	
250	bottle	4	098010025	
20		12	098012002	
50		4	098012005	
250		4	098012025	

9813H

thread sealant-High Resistance

Ideal for permanent sealing of nipples, that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel. Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+200
Max gap fill (mm)	0,15
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	40.000/80.000
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	25-35 Nm

ml				
20	bottle	12	098130002	
50	bellow bottle	6	098130305	
50	tube	4	098130505	
250	tube	4	098130525	
20		12	098132002	
50		6	098132305	
50		4	098132505	
250		4	098132525	

9812M

thread sealant-Medium Resistance

Ideal for sealing nipples parts subject to periodic maintenance. Allows dismantling by using hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	12/18
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	20.000/40.000
Breakaway torque ISO-10964	27-35 Nm
Prevailing torque ISO-10964	20-30 Nm

ml				
20	bottle	12	098120002	
50	bellow bottle	6	098120305	
50	tube	4	098120505	
250	tube	4	098120525	
20		12	098122002	
50		6	098122305	
50		4	098122505	
250		4	098122525	

9811L

thread sealant-Low Resistance

Ideal for sealing small or fine-pitch joints. Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,20
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	10.000/20.000
Breakaway torque ISO-10964	6-10 Nm
Prevailing torque ISO-10964	4-8 Nm

ml				
20	bottle	12	098110002	
50	bellow bottle	6	098110305	
50	tube	4	098110505	
250	tube	4	098110525	
20		12	098112002	
50		6	098112305	
50		4	098112505	
250		4	098112525	

9823H

liquid gasket-High Resistance

Ideal for permanent sealing of surfaces. Also ideal for reclaiming bearing housings and worn parts. Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	10/16
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	100.000/200.000
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	20-30 Nm

ml			
20	bottle	12	098230002
50	bellow bottle	6	098230305
50	tube	4	098230505
250	tube	4	098230525
20		12	098232002
50		6	098232305
50		4	098232505
250		4	098232525

9822M

liquid gasket-Medium Resistance

Ideal for sealing of surfaces of parts subject to periodic maintenance. Allows dismantling by using hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	40.000/70.000
Breakaway torque ISO-10964	25-35 Nm
Prevailing torque ISO-10964	20-30 Nm

ml			
20	bottle	12	098220002
50	bellow bottle	6	098220305
50	tube	4	098220505
250	tube	4	098220525
20		12	098222002
50		6	098222305
50		4	098222505
250		4	098222525

9821L

liquid gasket-Low Resistance

Ideal for sealing of surfaces of parts subject to frequent maintenance. Protects threads from corrosion and seizure from corrosion. Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	20/30
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	60.000/90.000
Breakaway torque ISO-10964	7-11 Nm
Prevailing torque ISO-10964	4-9 Nm

ml			
20	bottle	12	098210002
50	bellow bottle	6	098210305
50	tube	4	098210505
250	tube	4	098210525
20		12	098212002
50		6	098212305
50		4	098212505
250		4	098212525

9833H

locker-High Resistance

Ideal for fixing parts that do not need subsequent dismantling. Also suitable for fixing already installed devices that are difficult to dismantle. Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+180
Max gap fill (mm)	0,15
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	400/700
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	30-40 Nm

ml			
20	bottle	12	098330002
50	bottle	4	098330005
250	bottle	4	098330025
20		12	098332002
50		4	098332005
250		4	098332025

9832M

locker-Medium Resistance

Ideal for fixing parts subject to periodic maintenance. Allows dismantling by using hand tools.



Temperature range (°C)	-50/+180
Max gap fill (mm)	0,25
Handling cure time (minutes)	12/20
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	2000/4000
Breakaway torque ISO-10964	25-35 Nm
Prevailing torque ISO-10964	18-28 Nm

ml			
20	bottle	12	098320002
50	bottle	4	098320005
250	bottle	4	098320025
20		12	098322002
50		4	098322005
250		4	098322025

9831L

locker-Low Resistance

Ideal for fixing small parts subject to frequent maintenance. Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,10
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	500/800
Breakaway torque ISO-10964	6-10 Nm
Prevailing torque ISO-10964	4-8 Nm

ml			
20	bottle	12	098310002
50	bottle	4	098310005
250	bottle	4	098310025
20		12	098312002
50		4	098312005
250		4	098312025



9841N

black acetic-reticulation silicone sealant,
resistant to high temperatures,
with convenient pressure dispenser

Withstands temperatures up to 240 °C

Enables permanent elastic sealing. Replaces preformed gaskets.

The dispenser allows easy, accurate, uniform spreading of the product.

Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket.

Ideal for oil sumps, oil pumps, housings, gearboxes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Adheres to non-porous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates. Cannot be painted.



ml		
200		12 098410120
200		12 098412120

9841R

red acetic-reticulation silicone sealant,
resistant to high temperatures,
with convenient pressure dispenser

Withstands temperatures up to 300 °C.

Enables permanent elastic sealing. Replaces preformed gaskets.

The dispenser allows easy, accurate, uniform spreading of the product.

Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket.

Ideal for oven and furnace doors, plates, heating systems, outlets, thermostats, pumps, heating pipes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Adheres to non-porous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates. Cannot be painted.



ml		
200		12 098410020
200		12 098412020

9851

instant glue
for structural joints

based on ethyl cyanoacrylate

for adhesion of a wide range of materials, including metal, plastics, leather, wood and several other types of substrates, whether combined with each other or separate; bonds quickly.



Temperature (°C)	-55/+82
Viscosity (mPa.s) 25 °C	80-120

g			
5		24	098510500
20	bottle	12	098510002
50	bottle	10	098510005
5		24	098512500
20		12	098512002
50		10	098512005

9710 - LUBRIBETA universal

7-in-1 multipurpose unlocking lubricant

1. Unlocking;
 2. Lubricating;
 3. Detergent, degreasing;
 4. Rust protective;
 5. Deoxidizing, for electrical contacts;
 6. Waterproof;
 7. Antifreezing.
- Silicone-free.



ml			
400		12	097100040
400		12	097101040
400		12	097102040



9712 - Ultra Sblock

unlocking lubricant, super-penetrating

Unlocking, deoxidizing, waterproof.

Ideal for dissolving rust from nuts, bolts, screws and gears.



ml		
400	12	097120040
400	12	097121040
400	12	097122040

9720 - Multi Grease

multipurpose grease

Particularly useful for lubricating chains, gears and moving metal parts. Resistant to friction and weather.

Highly adhesive. Does not drip.



ml		
400	12	097200040
400	12	097201040
400	12	097202040

9722 - Lithium Grease

white lithium grease

Based on grease with lithium, titanium and zinc oxide soaps.

Ideal for lubricating gears, bearings and joints.

Specific for marine applications.

Highly resistant to water, sea salt, weather and high temperatures.

Does not drip.



ml		
400	12	097220040
400	12	097221040
400	12	097222040



9724 - PTFE Grease

PTFE based grease

Particularly suitable for lubricating industrial chains and mechanical movements subject to heavy stress and low rotation speeds. Suitable for applications on plastics and rubber.

Totally colourless. Waterproof and resistant to oxidation.



ml		
400		
400	12	097240040
400	12	097241040
400	12	097242040


9726 - Copper Grease

copper grease

Suitable for lubricating joints, bolts, gears, driveshafts and other metal parts subject to high temperatures (up to 1,000 °C).

Protective, anti-wear. Prevents oxidation. Does not drip.



ml		
400		
400	12	097260040
400	12	097261040
400	12	097262040

9729 - Silic Spray

silicone spray



Suitable for lubricating plastic, rubber and metal parts.

Protects from corrosion. Detaching. Antistatic.

Waterproof. Can be used to polish wood, plastics and rubber.

Solvent-free.



ml		
400		
400	12	097290040
400	12	097291040
400	12	097292040

9738 - Cutting Oil

cutting oil


Highly lubricating and protective.

Suitable for milling, boring, threading, drilling and manual and automatic machine working.

Highly resistant to oxidation.

Water washable. Solvent-free.



ml		
400		
400	12	097380040
400	12	097381040
400	12	097382040

9740 - Brake Cleaner

brake cleaner


Ideal for cleaning brake discs and pads, engines.

Removes grease and tar, without leaving residue.

Evaporates quickly.

Does not damage plastics and rubber.



ml		
500		
500	12	097400050
500	12	097401050
500	12	097402050

9741 - Multi Cleaner



multipurpose detergent/degreaser

Detergent and degreaser for dissolving grease, oil, tar, silicone and glue.

Suitable for cleaning metal, hard plastic, ceramic, steel and aluminium surfaces.

Free from oil residues.



ml		
400		
400	12	097410040
400	12	097411040
400	12	097412040

9742 - Contact Cleaner



cleaner for electric and electronic contacts

Removes grease and dirt, without leaving oily residue.

Evaporates quickly.

Does not damage plastics and rubber.



ml		
400		
400	12	097420040
400	12	097421040
400	12	097422040

9743 - SURFACE CLEANER



foam detergent

Foam detergent for all types of surfaces, tools and fabrics.

Based on quaternary ammonium salts, it forms an active foam which cleans and removes dirt and grease.

Removes bad smells. No rinse required. Not a disinfectant.



ml		
500		
500	12	097430050
500	12	097431050
500	12	097432050

9745 - Carb Cleaner



cleaner for carburetors and throttle bodies

Specific for interior and exterior cleaning of carburetors, suction ducts and throttle bodies.

Totally removes carbonaceous residue, deposits and impurities.

Does not leave oily residue.



ml		
400		
400	12	097450040
400	12	097451040
400	12	097452040

9746 - Clima Cleaner

air conditioner cleaner

Cleaner for industrial, civil and car air conditioners. Based on its thick foam formulation and the straw supplied with it, it allows dirt, deposits and odours to be removed from ducts, leaving a pleasant fragrance.



ml		
400	12	097460040
400	12	097461040
400	12	097462040

9749 - Air Spray

air spray

Compressed gas aerosol spray. Ideal for removing dust deposits from cracks, gear, electrical parts, keyboards and delicate mechanisms in general. The aerosol can with straw allows hardly accessible parts to be easily reached.



ml		
400	12	097490040
400	12	097491040
400	12	097492040

9752 - Zinc 98%

clear zinc

Highly covering, it is ideal for galvanizing iron parts. Highly adhesive, it forms an elastic film of very light colour, similar to hot galvanizing. Particularly resistant to oxidation, abrasion and weather. Can be overpainted. Does not drip.



ml		
400	12	097520040
400	12	097521040
400	12	097522040

9755 - Welding Spray

welding anti-spatter spray

Silicone-free welding anti-spatter spray. It prevents slag adhesion, thereby making welding easier and quicker. For use on parts that need welding and as a protector for welding torch nozzles. It makes it possible to carry out subsequent operations, e.g. painting, galvanizing and chrome-plating. No fumes. Easy to remove. Chlorinated-free.



ml		
400	12	097550040
400	12	097551040
400	12	097552040

9765 - Deicer Spray

de-icer spray

De-icer and defroster spray, for removing ice and frost from windows. Also ideal for frozen locks and mechanisms. Effective down to -40 °C. Nongreasy, smear-free. Does not affect treated surfaces, rubber and plastics.



ml		
400	12	097650040
400	12	097651040
400	12	097652040

9775 - Water Stop

fabric waterproofing spray

Waterproofing, water-repellent spray for textiles and leather. Ideal for footwear, jackets and clothing in general. It allows fabrics to be waterproofed, without affecting breathability. Based on its stain resistance properties, fabrics are easier to wash. Improved resistance to bending and abrasion.



ml		
400	12	097750040
400	12	097751040
400	12	097752040

9881U

industrial alkaline detergent for ultrasonic tank

Industrial alkaline detergent, concentrated, water-based. For ultrasonic cleaning and other purification processes. Allows spare parts and metal pieces in general (injectors, carburetors, valves etc.) to be accurately and effectively cleaned. Removes oil, grease, lubricants, residues of glue, resin and wax. Also suitable for cleaning aluminium parts.



Lt		
1	1	098810010
1	1	098812010

9882R

selective rust remover liquid

Water-based selective rust remover liquid for iron, steel, stainless steel, cast iron and chrome platings. Removes top oxidized layer, without affecting underlying metal.

Dilution: from pure to max. 1:1.

Minimum operating temperature: 15 °C.

Operating times: 30' - 24/48h (for heavy rust). Biodegradable and 100% water-soluble.



Lt		
1	1	098820010
1	1	098822010



Beta ABRASIVES

A comprehensive range of hard and flexible abrasives, comprising over 500 coded items, entirely made in Italy. Designed and developed to satisfy all industrial and professional cutting and material removal requirements. Beta Utensili relies on the Beta Abrasives project to assert its determination to offer market professionals a comprehensive product range and an unequalled technical standard, resulting from the manufacturing skills contributed by AbraBeta.

HARD CUTTING AND GRINDING DISCS




Hard discs mean the main category of this new product family; hence Beta Utensili has concentrated on selecting the very best materials and types.

Cutting and grinding discs are the quickest and most versatile instruments for working a wide variety of materials, by using the most suitable tools, whether angle grinders or stationary machines

DISC SHAPES

 **T42**
cutting disc with depressed centre

 **T41**
cutting disc with flat centre

 **T27**
grinding disc with depressed centre



Uncompromising quality: for extremely demanding users



High quality for high performance, at competitive prices, for the best quality/price ratio.

CERTIFICATION



PICTOGRAMS on discs



Wear safety glasses



Wear protector gloves



Wear ear protectors



Wear safety clothes



Wear dust mask



Check user manual



Disc for cutting only – not for grinding



Do not use disc if damaged



Iron, sulphur and chlorine free ($\leq 0.1\%$)

Product shelf life

Product shelf-life: 3 years from manufacturing date. "V01" as engraved on the metal washer in the middle of the disc indicates the quarter of expiration. Example: "V07/2022" indicates the disc was manufactured in the 3rd quarter of 2019 and can be used until the end of the 3rd quarter of 2022.



	Quarter
V01	Jan-Mar
V04	Apr-Jun
V07	Jul-Sep
V10	Oct-Dec



ABRASIVE SHAFT-MOUNTED WHEELS

Abrasive shaft-mounted wheels for use with die grinders. Made in several shapes to suit different working processes, with three types of abrasives.



SHAFT-MOUNTED WHEELS

Shaft-mounted flap wheels are provided with flexible flaps which allow precise, homogenous finish to be obtained on irregular shapes and surfaces.



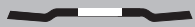
FLAP DISCS

Flap discs are made up of abrasive cloth flaps glued onto a support; they are an excellent choice for roughing and finishing operations. Generally speaking, they ensure quicker removal, more homogenous finish, less vibration, less noise and lower operating temperatures than grinding discs. They are available with cloths made of several different abrasive materials, with different grain sizes and two different types of support.

Shapes

Flat

Used at a maximum angle of 15° compared to the worktop, it allows working of flat surfaces and edges.



Conical

Used at an angle between 15° and 25° compared to the worktop, it makes jobs on uneven surfaces easier. It ensures a larger contact surface between the disc and the surface being worked. The flaps can be used until they are fully worn out.



Uncompromising quality: for extremely demanding users.



High quality for high performance, at competitive prices, for the best quality/price ratio.



WHEELS WITH BORES

Flange flap wheels are suitable for working irregular edges, contours and surfaces based on high flap flexibility.



WHEELS FOR SATINIZING MACHINES

Beta's wheels (or rollers) for satinizing machines mean the best solution for finishing any material.

Gradi di grana/finitura

C	Coarse
M	Medium
F	Fine
VF	Very Fine
UF	Ultra fine



RADIAL DISCS AND FIBRE DISCS

Special nonwoven discs producing remarkable polishing effects, resulting in quick, precise working processes.



ANTI-WASTE ROLLS

A wide range of anti-waste rolls made of abrasive cloth and paper or nonwoven, of excellent quality, for a number of uses.

For further information, please refer to the dedicated catalogue available on Beta's website:
www.beta-tools.com

11001

abrasive steel cutting discs
with depressed centre

A30S EN 12413



A30S

	Ø mm	S mm	F mm	max. rpm		
11001	115	3,2	22,23	13300	10	110010118
11001	125	3,2	22,23	12200	10	110010128
11001	230	3,2	22,23	6600	10	110010233

11001H

abrasive steel cutting discs
with depressed centre

HARD

A30T EN 12413



A30T

	Ø mm	S mm	F mm	max. rpm		
11001H	230	3,2	22,23	6600	10	110010733

11003

abrasive steel cutting discs
with flat centre

A30T EN 12413



A30T

	Ø mm	S mm	F mm	max. rpm		
11003	115	2,5	22,23	13300	10	110030117
11003	125	2,5	22,23	12200	10	110030127
11003	180	2,5	22,23	8500	10	110030182
11003	230	2,5	22,23	6600	10	110030232

11011

abrasive steel grinding discs
with depressed centre

A24N EN 12413



A24N

	Ø mm	S mm	F mm	max. rpm		
11011	115	6,5	22,23	13300	10	110110115
11011	125	6,5	22,23	12200	10	110110125
11011	180	6,5	22,23	8500	10	110110180
11011	230	6,5	22,23	6600	10	110110230

11011H

abrasive steel grinding discs
with depressed centre

HARD

A24R EN 12413



A24R

	Ø mm	S mm	F mm	max. rpm		
11011H	115	6,5	22,23	13300	10	110110615
11011H	125	6,5	22,23	12200	10	110110625
11011H	180	6,5	22,23	8500	10	110110680
11011H	230	6,5	22,23	6600	10	110110730

11018

abrasive ultra-thin steel cutting discs
with flat centre

60 m/s

A46N EN 12413



A46N

	Ø mm	S mm	F mm	max. rpm		
11018	300	2,5	25,40	4010	10	110180030
11018	350	3,0	25,40	3440	10	110180035
11018	400	3,2	25,40	3010	10	110180040

11019

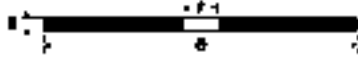
abrasive ultra-thin steel cutting discs
with flat centre

80 m/s

A24N EN 12413



A24N



	Ø mm	S mm	F mm	max. rpm		
11019	300	3,8	25,40	5100	10	110190030
11019	350	4,2	25,40	4400	10	110190035
11019	400	4,5	25,40	3800	10	110190040

11021

abrasive steel and stainless steel cutting discs
with depressed centre

A30Q EN 12413



A30Q



	Ø mm	S mm	F mm	max. rpm		
11021	115	3,2	22,23	13300	10	110210118
11021	125	3,2	22,23	12200	10	110210128
11021	180	3,2	22,23	8500	10	110210183
11021	230	3,2	22,23	6600	10	110210233

11023

abrasive steel and stainless steel grinding discs
with depressed centre

A24Q EN 12413



A24Q



	Ø mm	S mm	F mm	max. rpm		
11023	115	6,5	22,23	13300	10	110230115
11023	125	6,5	22,23	12200	10	110230125
11023	230	6,5	22,23	6600	10	110230230

11024

abrasive steel and stainless steel cutting discs,
thin, with depressed centre

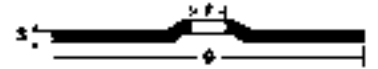
TOP LINE

A46U EN 12413



TOP
LINE

A46U



	Ø mm	S mm	F mm	max. rpm		
11024	230	2,0	22,23	6600	10	110240230

11031÷11038

abrasive steel and stainless steel cutting discs,
thin, with flat centre

TOP LINE

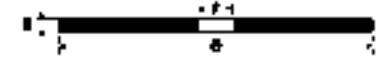
Ø 65 mm

A46U EN 12413



TOP
LINE

A46U



	Ø mm	S mm	F mm	max. rpm		
11031	65	1,0	6,00	24000	25	110310006
11031	65	1,0	10,00	24000	25	110310010
11031	65	1,6	10,00	24000	25	110310020

	Ø mm	S mm	F mm	max. rpm		
11032	76	1,0	6,00	20200	25	110320006
11032	76	1,0	10,00	20200	25	110320010
11032	76	1,6	10,00	20200	25	110320020

	Ø mm	S mm	F mm	max. rpm		
11034	115	1,0	22,23	13300	25	110340022
11034	115	1,2	22,23	13300	25	110340042
11034	115	1,6	22,23	13300	25	110340062

	Ø mm	S mm	F mm	max. rpm		
11035	125	1,0	22,23	12200	25	110350022
11035	125	1,2	22,23	12200	25	110350042
11035	125	1,6	22,23	12200	25	110350062

	Ø mm	S mm	F mm	max. rpm		
11037	180	2,0	22,23	8500	10	110370022

	Ø mm	S mm	F mm	max. rpm		
11038	230	2,0	22,23	6600	10	110380022

11040

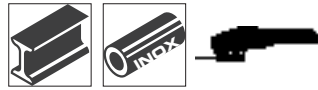
abrasive steel and stainless steel cutting discs,
thin, with depressed centre

PREMIUM LINE

A36Q EN 12413



A36Q



	Ø mm	S mm	F mm	max. rpm		
11040	230	2,0	22,23	6600	10	110400230

11045-11046

abrasive steel and stainless steel cutting discs,
thin, with flat centre

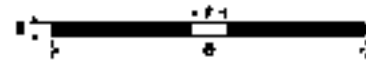
PREMIUM LINE

Ø 115 mm

A46Q EN 12413



A46Q



	Ø mm	S mm	F mm	max. rpm		
11045	115	1,0	22,23	13300	25	110450010
11045	115	1,2	22,23	13300	25	110450012
11045	115	1,6	22,23	13300	25	110450016

	Ø mm	S mm	F mm	max. rpm		
11046	125	1,0	22,23	12200	25	110460010
11046	125	1,2	22,23	12200	25	110460012
11046	125	1,6	22,23	12200	25	110460016

11048-11049

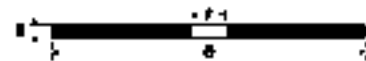
abrasive steel and stainless steel cutting discs,
thin, with flat centre

Ø 180 mm

A36Q EN 12413



A36Q



	Ø mm	S mm	F mm	max. rpm		
11048	180	2,0	22,23	8500	10	110480019

	Ø mm	S mm	F mm	max. rpm		
11049	230	2,0	22,23	6600	10	110490019

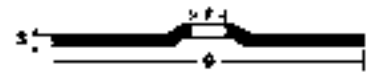
11050

abrasive steel grinding discs,
with zirconia abrasive and depressed centre

ZA24R - EN 12413



ZA24R



	Ø mm	S mm	F mm	max. rpm		
11050	115	6,5	22,23	13300	10	110500115
11050	125	6,5	22,23	12200	10	110500125
11050	230	7,0	22,23	6600	10	110500230

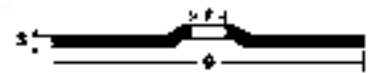
11069

abrasive stone and marble cutting discs
with depressed centre

C30S EN 12413



C30S



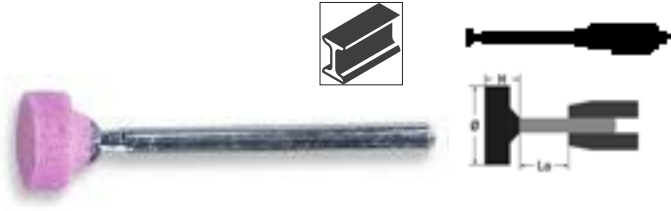
	Ø mm	S mm	F mm	max. rpm		
11069	115	3,2	22,23	13300	10	110690115
11069	125	3,2	22,23	12200	10	110690125
11069	230	3,2	22,23	6600	10	110690230

11100

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
cylindrically shaped

shaft \varnothing 3 x 37 mm

EN 12413



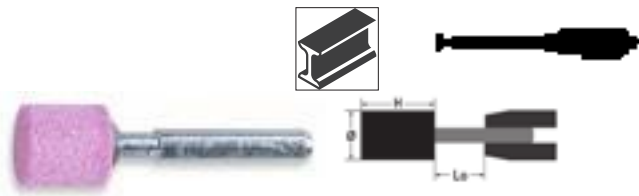
	\varnothing mm	h mm	max. rpm Lo=13 mm			
11100	4	8	130.000	AR60P5V	25	111000004
11100	6	10	93.100	AR60P5V	25	111000006
11100	8	12	64.500	AR60P5V	25	111000008
11100	10	10	60.100	AR60P5V	25	111000011
11100	10	12	52.700	AR60P5V	25	111000012
11100	12	15	37.300	AR60P5V	25	111000013

11101

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
cylindrically shaped

shaft \varnothing 6 x 40 mm

EN 12413



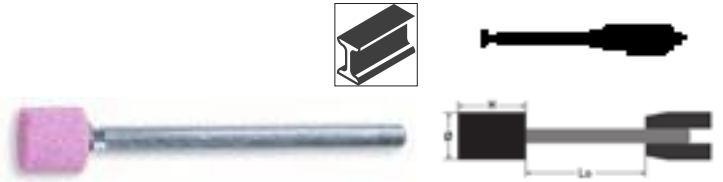
	\varnothing mm	h mm	max. rpm Lo=13 mm			
11101	4	8	130.000	AR60P5V	25	111010004
11101	5	10	130.000	AR60P5V	25	111010005
11101	6	10	130.000	AR60P5V	25	111010006
11101	8	10	119.300	AR60P5V	25	111010008
11101	10	10	95.400	AR60P5V	25	111010010
11101	10	15	95.400	AR60P5V	25	111010011
11101	10	20	86.600	AR60P5V	25	111010012
11101	10	25	72.700	AR60P5V	25	111010013
11101	10	32	58.700	AR60P5V	25	111010014
11101	12	10	79.500	AR60P5V	25	111010015
11101	12	15	79.500	AR60P5V	25	111010016
11101	12	20	79.500	AR60P5V	25	111010017
11101	15	3	63.600	AR60P5V	25	111010018
11101	15	15	63.600	AR60P5V	25	111010019
11101	16	20	59.600	AR46P5V	25	111010020
11101	16	25	56.900	AR46P5V	25	111010021
11101	16	32	45.100	AR46P5V	25	111010022
11101	20	4	47.700	AR60P5V	25	111010023
11101	20	15	47.700	AR46P5V	25	111010024
11101	20	20	47.700	AR46P5V	25	111010025
11101	20	25	46.100	AR46P5V	25	111010026
11101	20	30	38.900	AR46P5V	25	111010027
11101	20	40	29.000	AR46P5V	25	111010028
11101	25	10	38.100	AR60P5V	25	111010030
11101	25	25	37.200	AR36/46P5V	25	111010031
11101	25	40	23.300	AR36/46P5V	10	111010032
11101	30	10	31.800	AR60P5V	25	111010034
11101	30	30	26.200	AR36/46P5V	25	111010035
11101	30	40	19.500	AR36/46P5V	10	111010036
11101	32	20	29.800	AR36P5V	25	111010037
11101	32	32	23.100	AR36P5V	10	111010038
11101	40	10	23.800	AR36/46P5V	25	111010041
11101	40	20	23.800	AR36P5V	10	111010042
11101	40	25	23.400	AR36P5V	10	111010043
11101	40	30	19.700	AR36P5V	10	111010044
11101	40	40	14.700	AR36P5V	10	111010045
11101	50	15	19.000	AR36P5V	10	111010051
11101	50	25	18.800	AR36P5V	10	111010052
11101	60	10	15.900	AR36P5V	10	111010060

11102

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
cylindrically shaped

shaft \varnothing 6 x 80 mm

EN 12413



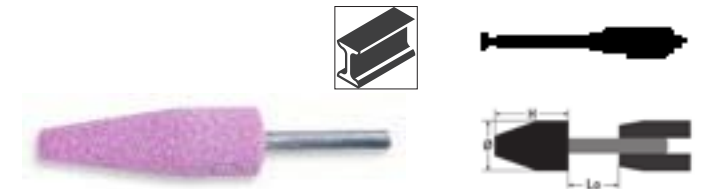
	\varnothing mm	h mm	max. rpm Lo=13 mm			
11102	8	20	100.500	AR60P5V	25	111020008
11102	10	15	95.400	AR60P5V	25	111020010
11102	10	30	62.200	AR60P5V	25	111020020
11102	12	15	79.500	AR60P5V	25	111020022
11102	15	15	63.600	AR60P5V	25	111020035
11102	15	30	51.000	AR46P5V	25	111020040
11102	20	30	38.900	AR46P5V	25	111020060

11105

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
cylindrically/triangularly shaped

shaft \varnothing 6 x 40 mm

EN 12413



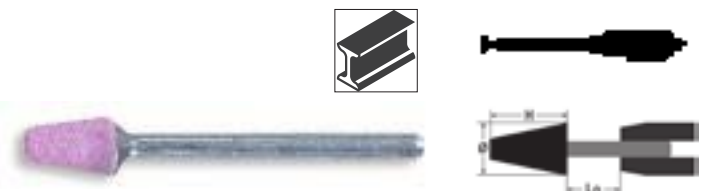
	\varnothing mm	h mm	max. rpm Lo=13 mm			
11105	20	65	16.200	AR36/46P5V	25	111050020

11106

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
trapezoidally shaped

shaft \varnothing 3 x 37 mm

EN 12413



	\varnothing mm	h mm	max. rpm Lo=13 mm			
11106	6	10	93.100	AR60P5V	25	111060006

11107

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
trapezoidally shaped

shaft Ø 6 x 40 mm

EN 12413



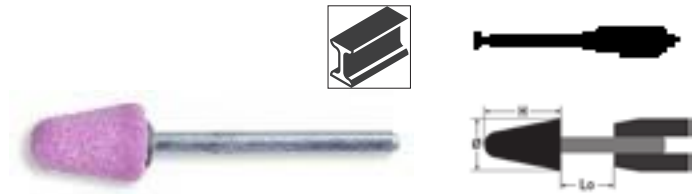
	Ø mm	h mm	max. rpm Lo=13 mm		
11107	12	20	79.500	AR60P5V	25 111070012
11107	15	25	60.400	AR46P5V	25 111070015
11107	20	30	38.900	AR46P5V	25 111070020
11107	25	40	23.300	AR36/46P5V	10 111070025

11110

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
rounded, cone-shaped

shaft Ø 3 x 37 mm

EN 12413



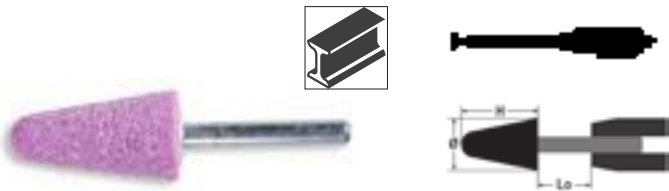
	Ø mm	h mm	max. rpm Lo=13 mm		
11110	10	15	44.300	AR60P5V	25 111100010

11111

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
rounded, cone-shaped

shaft Ø 6 x 40 mm

EN 12413



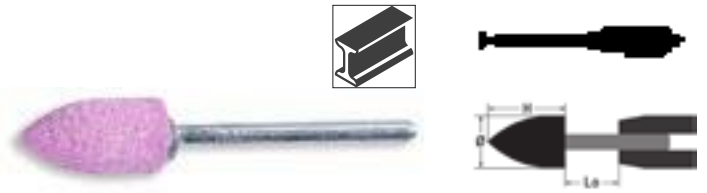
	Ø mm	h mm	max. rpm Lo=13 mm		
11111	10	20	86.600	AR60P5V	25 111110010
11111	15	30	51.000	AR46P5V	25 111110015
11111	16	45	31.400	AR46P5V	25 111110016
11111	20	28	41.500	AR46P5V	25 111110020
11111	20	40	29.000	AR46P5V	25 111110021
11111	30	50	15.100	AR36/46P5V	10 111110030

11115

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
ogive-shaped

shaft Ø 3 x 37 mm

EN 12413



	Ø mm	h mm	max. rpm Lo=13 mm		
11115	10	20	34.700	AR60P5V	25 111150010

11116

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
ogive-shaped

shaft Ø 6 x 40 mm

EN 12413



	Ø mm	h mm	max. rpm Lo=13 mm		
11116	10	20	86.600	AR60P5V	25 111160010
11116	18	30	43.000	AR46P5V	25 111160018
11116	20	50	22.500	AR36/46P5V	25 111160020
11116	22	70	13.400	AR36/46P5V	10 111160022

11120

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
cylindrically/pyramidally shaped

shaft Ø 3 x 37 mm

EN 12413



	Ø mm	h mm	max. rpm Lo=13 mm		
11120	6	13	77.800	AR60P5V	25 111200006

11121

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
cylindrically/pyramidally shaped

shaft \varnothing 6 x 40 mm

EN 12413



	\varnothing mm	h mm	max. rpm Lo=13 mm			
11121	6	25	100.700	AR60P5V	25	111210007
11121	12	20	79.500	AR60P5V	25	111210012
11121	20	25	46.100	AR46P5V	25	111210020
11121	25	25	37.200	AR36/46P5V	25	111210025
11121	30	30	26.200	AR36/46P5V	25	111210030

11125

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
rounded, cylindrically shaped

shaft \varnothing 6 x 40 mm

EN 12413



	\varnothing mm	h mm	max. rpm Lo=13 mm			
11125	6	20	117.700	AR60P5V	25	111250006
11125	25	25	37.200	AR36/46P5V	25	111250025
11125	30	50	15.100	AR36/46P5V	10	111250030
11125	40	40	14.700	AR36P5V	10	111250040

11130

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
globe-shaped

shaft \varnothing 3 x 37 mm

EN 12413



	\varnothing mm	h mm	max. rpm Lo=13 mm			
11130	6	6	124.900	AR60P5V	25	111300006
11130	8	8	84.800	AR60P5V	25	111300008
11130	10	10	60.100	AR60P5V	25	111300010

11131

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
globe-shaped

shaft \varnothing 6 x 40 mm

EN 12413



	\varnothing mm	h mm	max. rpm Lo=13 mm			
11131	10	10	95.400	AR60P5V	25	111310010
11131	15	15	63.600	AR60P5V	25	111310015
11131	20	20	47.700	AR46P5V	25	111310020
11131	25	25	37.200	AR36/46P5V	25	111310025
11131	30	30	26.200	AR36/46P5V	25	111310030

11132

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
globe-shaped

shaft \varnothing 6 x 80 mm

EN 12413



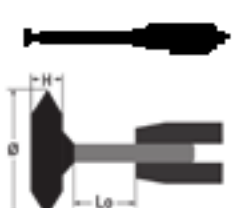
	\varnothing mm	h mm	max. rpm Lo=13 mm			
11132	10	10	95.400	AR60P5V	25	111320010
11132	15	15	63.600	AR60P5V	25	111320015
11132	20	20	47.700	AR46P5V	25	111320020

11135

abrasive shaft-mounted wheels,
abrasive pink corundum grains,
disc-shaped

shaft \varnothing 6 x 40 mm

EN 12413



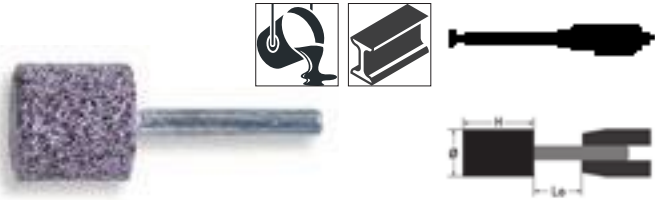
	\varnothing mm	h mm	max. rpm Lo=13 mm			
11135	30	6	31.800	AR60P5V	25	111350030
11135	40	10	23.800	AR36/46P5V	25	111350040

11140

abrasive shaft-mounted wheels,
abrasive grey/pink corundum grains,
cylindrically shaped

shaft $\varnothing 6 \times 40$ mm

EN 12413



	\varnothing mm	h mm	max. rpm Lo=13 mm			
11140	20	30	38.900	A/AR24R5V	25	111400020
11140	25	25	37.200	A/AR24R5V	25	111400025
11140	30	30	26.200	A/AR24R5V	25	111400030
11140	50	10	19.000	A/AR24R5V	10	111400050

11141

abrasive shaft-mounted wheels,
abrasive grey/pink corundum grains,
cylindrically shaped

shaft $\varnothing 6 \times 80$ mm

EN 12413



	\varnothing mm	h mm	max. rpm Lo=13 mm			
11141	20	40	46.800	A/AR24R5V	25	111410020
11141	30	40	31.800	A/AR24R5V	10	111410030
11141	40	40	23.800	A/AR24R5V	10	111410040

11145

abrasive shaft-mounted wheels,
abrasive grey/pink corundum grains,
ogive-shaped

shaft $\varnothing 6 \times 40$ mm

EN 12413

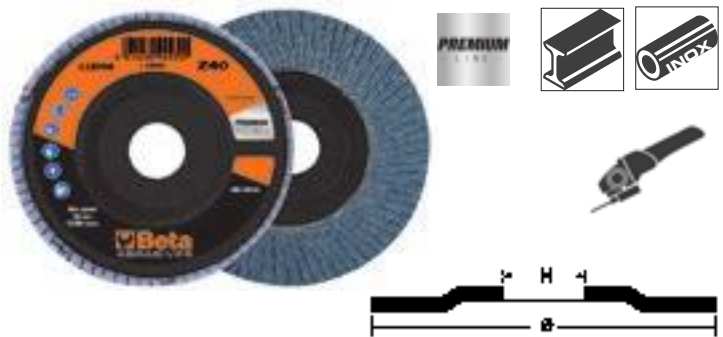


	\varnothing mm	h mm	max. rpm Lo=13 mm			
11145	20	30	38.900	A/AR24R5V	25	111450020
11145	25	50	18.100	A/AR24R5V	10	111450025

11200A-11200B

flap discs with zirconia abrasive cloth,
plastic backing pad, single flap construction

Flat
PREMIUM LINE
 $\varnothing 115$ mm
EN 13743



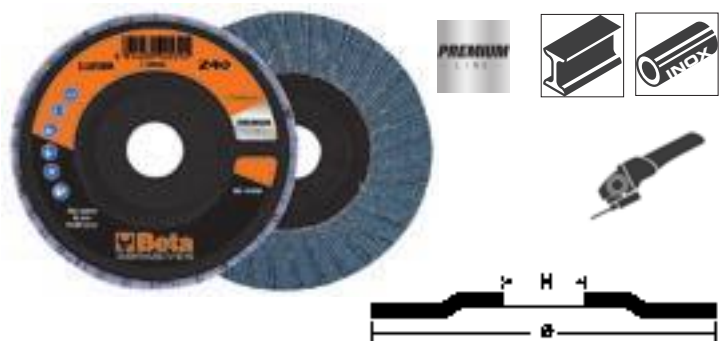
	\varnothing mm	P	F mm		
11200A	115	40	22,23	10	112000004
11200A	115	60	22,23	10	112000006
11200A	115	80	22,23	10	112000008
11200A	115	120	22,23	10	112000012

	\varnothing mm	P	F mm		
11200B	125	40	22,23	10	112000104
11200B	125	60	22,23	10	112000106
11200B	125	80	22,23	10	112000108

11202A-11202C

flap discs with zirconia abrasive cloth,
plastic backing pad, double flap construction

Flat
PREMIUM LINE
 $\varnothing 115$ mm
EN 13743



	\varnothing mm	P	F mm		
11202A	115	40	22,23	10	112020004
11202A	115	60	22,23	10	112020006
11202A	115	80	22,23	10	112020008
11202A	115	120	22,23	10	112020012

	\varnothing mm	P	F mm		
11202B	125	40	22,23	10	112020104
11202B	125	60	22,23	10	112020106
11202B	125	80	22,23	10	112020108

	\varnothing mm	P	F mm		
11202C	180	40	22,23	10	112020204
11202C	180	60	22,23	10	112020206

11204A÷11204C

flap discs with zirconia abrasive cloth,
fibreglass backing pad, single flap construction

Flat
PREMIUM LINE
Ø 115 mm
EN 13743



	Ø mm	P	F mm		
11204A	115	40	22,23	10	112040004
11204A	115	60	22,23	10	112040006
11204A	115	80	22,23	10	112040008
11204A	115	120	22,23	10	112040012

	Ø mm	P	F mm		
11204B	125	40	22,23	10	112040104
11204B	125	60	22,23	10	112040106
11204B	125	80	22,23	10	112040108

	Ø mm	P	F mm		
11204C	180	40	22,23	10	112040204
11204C	180	60	22,23	10	112040206

11208A-11208B

flap discs with zirconia abrasive cloth,
fibreglass backing pad, double flap construction

Flat
PREMIUM LINE
Ø 115 mm
EN 13743



	Ø mm	P	F mm		
11208A	115	40	22,23	10	112080004
11208A	115	60	22,23	10	112080006

	Ø mm	P	F mm		
11208B	125	40	22,23	10	112080104
11208B	125	60	22,23	10	112080106

11210A÷11210C

flap discs with zirconia abrasive cloth,
fibreglass backing pad, single flap construction

Cone-shaped
PREMIUM LINE
Ø 115 mm
EN 13743



	Ø mm	P	F mm		
11210A	115	40	22,23	10	112100004
11210A	115	60	22,23	10	112100006
11210A	115	80	22,23	10	112100008
11210A	115	120	22,23	10	112100012

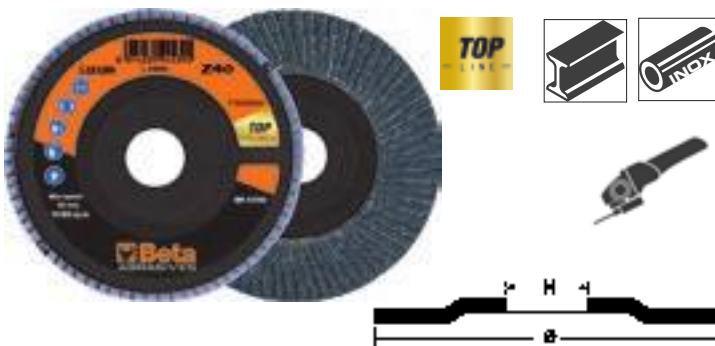
	Ø mm	P	F mm		
11210B	125	40	22,23	10	112100104
11210B	125	60	22,23	10	112100106
11210B	125	80	22,23	10	112100108

	Ø mm	P	F mm		
11210C	180	40	22,23	10	112100204
11210C	180	60	22,23	10	112100206

11212A -11212B

flap discs with zirconia abrasive cloth,
plastic backing pad, single flap construction

Flat
TOP LINE
Ø 115 mm
EN 13743



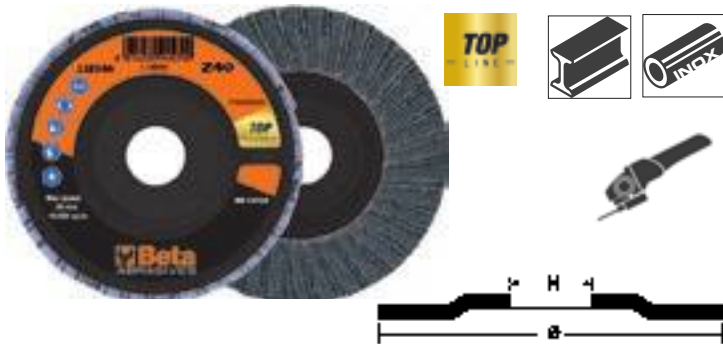
	Ø mm	P	F mm		
11212A	115	40	22,23	10	112120004
11212A	115	60	22,23	10	112120006
11212A	115	80	22,23	10	112120008
11212A	115	120	22,23	10	112120012

	Ø mm	P	F mm		
11212B	125	40	22,23	10	112120104
11212B	125	60	22,23	10	112120106
11212B	125	80	22,23	10	112120108

11214A÷11214C

flap discs with zirconia abrasive cloth,
plastic backing pad, double flap construction

Flat
TOP LINE
Ø 115 mm
EN 13743



	Ø mm	P	F mm		
11214A	115	40	22,23	10	112140004
11214A	115	60	22,23	10	112140006
11214A	115	80	22,23	10	112140008
11214A	115	120	22,23	10	112140012

	Ø mm	P	F mm		
11214B	125	40	22,23	10	112140104
11214B	125	60	22,23	10	112140106
11214B	125	80	22,23	10	112140108

	Ø mm	P	F mm		
11214C	180	40	22,23	10	112140204
11214C	180	60	22,23	10	112140206

11216A÷11216C

flap discs with zirconia abrasive cloth,
fibreglass backing pad, single flap construction

Flat
TOP LINE
Ø 115 mm
EN 13743



	Ø mm	P	F mm		
11216A	115	40	22,23	10	112160004
11216A	115	60	22,23	10	112160006
11216A	115	80	22,23	10	112160008
11216A	115	120	22,23	10	112160012

	Ø mm	P	F mm		
11216B	125	40	22,23	10	112160104
11216B	125	60	22,23	10	112160106
11216B	125	80	22,23	10	112160108

	Ø mm	P	F mm		
11216C	180	40	22,23	10	112160204
11216C	180	60	22,23	10	112160206

11218A-11218B

flap discs with zirconia abrasive cloth,
fibreglass backing pad, double flap construction

Flat
TOP LINE
Ø 115 mm
EN 13743



	Ø mm	P	F mm		
11218A	115	40	22,23	10	112180004
11218A	115	60	22,23	10	112180006

	Ø mm	P	F mm		
11218B	125	40	22,23	10	112180104
11218B	125	60	22,23	10	112180106

11220A÷11220C

flap discs with zirconia abrasive cloth,
fibreglass backing pad, single flap construction

Cone-shaped
TOP LINE
Ø 115 mm
EN 13743



	Ø mm	P	F mm		
11220A	115	40	22,23	10	112200004
11220A	115	60	22,23	10	112200006
11220A	115	80	22,23	10	112200008
11220A	115	120	22,23	10	112200012

	Ø mm	P	F mm		
11220B	125	40	22,23	10	112200104
11220B	125	60	22,23	10	112200106
11220B	125	80	22,23	10	112200108

	Ø mm	P	F mm		
11220C	180	40	22,23	10	112200204
11220C	180	60	22,23	10	112200206

11222

flap discs with zirconia abrasive cloth,
fibreglass backing pad, double flap construction

Cone-shaped
TOP LINE
Ø 115 mm
EN 13743



	Ø mm	P mm	F mm		
11222B	125	40	22,23	10	112220104
11222B	125	60	22,23	10	112220106
11222B	125	80	22,23	10	112220108

11230A-11230B

flap discs with corundum abrasive cloth,
plastic backing pad, single flap construction

Flat
PREMIUM LINE
Ø 115 mm
EN 13743



	Ø mm	P mm	F mm		
11230A	115	40	22,23	10	112300004
11230A	115	60	22,23	10	112300006
11230A	115	80	22,23	10	112300008
11230A	115	120	22,23	10	112300012

	Ø mm	P mm	F mm		
11230B	125	40	22,23	10	112300104
11230B	125	60	22,23	10	112300106



11232A

flap discs with corundum abrasive cloth,
plastic backing pad, double flap construction

Flat
PREMIUM LINE
Ø 115 mm
EN 13743

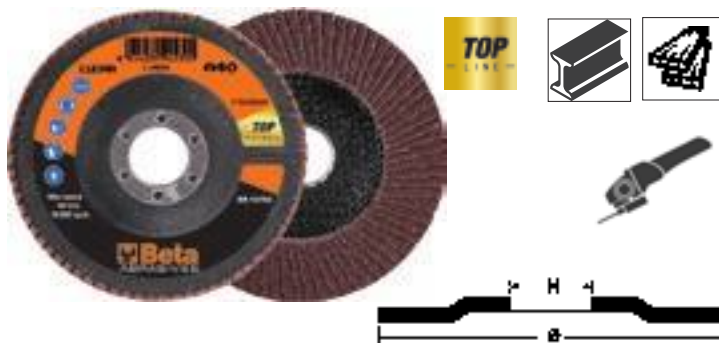


	Ø mm	P mm	F mm		
11232A	115	40	22,23	10	112320004
11232A	115	60	22,23	10	112320006
11232A	115	80	22,23	10	112320008
11232A	115	120	22,23	10	112320012

11234A-11234B

flap discs with corundum abrasive cloth,
fibreglass backing pad, single flap construction

Flat
TOP LINE
Ø 115 mm
EN 13743



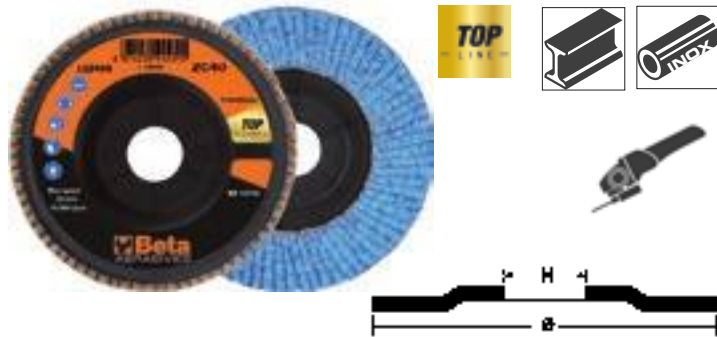
	Ø mm	P mm	F mm		
11234A	115	40	22,23	10	112340004
11234A	115	60	22,23	10	112340006
11234A	115	80	22,23	10	112340008
11234A	115	120	22,23	10	112340012

	Ø mm	P mm	F mm		
11234B	125	40	22,23	10	112340104
11234B	125	60	22,23	10	112340106

11240A-11240B

flap discs with ceramic-coated zirconia abrasive cloth, plastic backing pad and single flap construction

Flat
 Ø 115 mm
 EN 13743

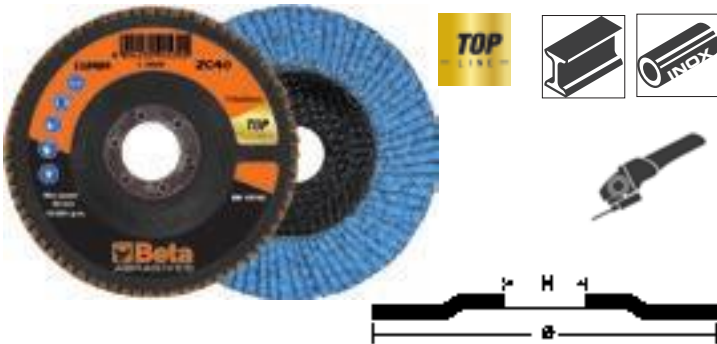


	Ø mm	P	F mm		
11240A	115	40	22,23	10	112400004
11240A	115	60	22,23	10	112400006
11240B	125	40	22,23	10	112400104
11240B	125	60	22,23	10	112400106

11242A-11242B

flap discs with ceramic-coated zirconia abrasive cloth, fibreglass backing pad and single flap construction

Flat
 Ø 115 mm
 EN 13743

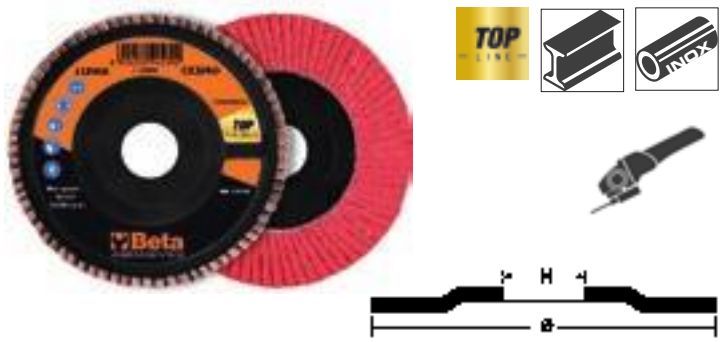


	Ø mm	P	F mm		
11242A	115	40	22,23	10	112420004
11242A	115	60	22,23	10	112420006
11242B	125	40	22,23	10	112420104
11242B	125	60	22,23	10	112420106

11246A

flap discs with ceramic-coated abrasive cloth, plastic backing pad and single flap construction

Flat
 Ø 115 mm
 EN 13743



	Ø mm	P	F mm		
11246A	115	40	22,23	10	112460004
11246A	115	60	22,23	10	112460006

11248A-11248B

flap discs with ceramic-coated abrasive cloth, fibreglass backing pad and single flap construction

Flat
 Ø 115 mm
 EN 13743



	Ø mm	P	F mm		
11248A	115	40	22,23	10	112480004
11248A	115	60	22,23	10	112480006
11248B	125	40	22,23	10	112480104
11248B	125	60	22,23	10	112480106

11259

felt flap discs, fibreglass backing pad, single flap construction

Flat



	Ø mm	F mm		
11259	115	22,23	10	112590115
11259	125	22,23	10	112590125



11260÷11268

shaft-mounted flap wheels,
corundum abrasive cloth flaps

shaft Ø 3 mm

EN 13743



	Ø mm	h mm	S mm	P		
11260	10	10	3	60	10	112600010
11260	15	15	3	60	10	112600015

	Ø mm	h mm	S mm	P		
11263	30	10	6	60	10	112630006
11263	30	15	6	60	10	112630016
11263	30	15	6	80	10	112630018
11263	30	20	6	40	10	112630024
11263	30	20	6	60	10	112630026
11263	30	20	6	80	10	112630028
11263	30	20	6	120	10	112630032

	Ø mm	h mm	S mm	P		
11264	40	15	6	60	10	112640006
11264	40	15	6	80	10	112640008
11264	40	15	6	120	10	112640012
11264	40	20	6	40	10	112640014
11264	40	20	6	60	10	112640016
11264	40	30	6	40	10	112640024
11264	40	30	6	60	10	112640026

	Ø mm	h mm	S mm	P		
11265	50	20	6	60	10	112650006
11265	50	20	6	80	10	112650008
11265	50	30	6	40	10	112650014
11265	50	30	6	60	10	112650016
11265	50	30	6	80	10	112650018
11265	50	30	6	120	10	112650022

	Ø mm	h mm	S mm	P		
11266	60	20	6	40	10	112660004
11266	60	20	6	60	10	112660006
11266	60	30	6	40	10	112660014
11266	60	30	6	60	10	112660016
11266	60	30	6	80	10	112660018
11266	60	30	6	120	10	112660022
11266	60	40	6	60	10	112660026
11266	60	40	6	80	10	112660028

	Ø mm	h mm	S mm	P		
11268	80	30	6	60	10	112680006
11268	80	30	6	80	10	112680008

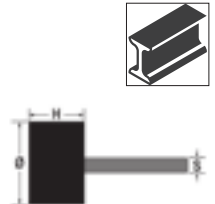
Beta

11271A÷11271C

abrasive non-woven wheels, shaft-mounted,
corundum synthetic fibre fabric

Ø 40 mm

shaft Ø 6 mm



	Ø mm	h mm	S mm	P		
11271A	40	20	6	C	10	112710001
11271A	40	20	6	M	10	112710002
11271A	40	20	6	F	10	112710003
11271A	40	20	6	VF	10	112710004

	Ø mm	h mm	S mm	P		
11271B	60	30	6	C	10	112710011
11271B	60	30	6	M	10	112710012
11271B	60	30	6	F	10	112710013
11271B	60	30	6	VF	10	112710014

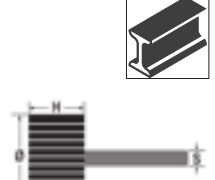
	Ø mm	h mm	S mm	P		
11271C	80	50	6	C	10	112710021
11271C	80	50	6	M	10	112710022
11271C	80	50	6	F	10	112710023
11271C	80	50	6	VF	10	112710024

11276A÷11276C

flap/non-woven wheels, shaft-mounted,
flaps made of abrasive cloth alternating with corundum synthetic fibre
fabric

Ø 40 mm

shaft Ø 6 mm



	Ø mm	h mm	S mm	P		
11276A	40	20	6	M/60	10	112760006
11276A	40	20	6	M/80	10	112760008
11276A	40	20	6	M/120	10	112760012

	Ø mm	h mm	S mm	P		
11276B	60	30	6	M/60	10	112760016
11276B	60	30	6	M/80	10	112760018
11276B	60	30	6	M/120	10	112760022

	Ø mm	h mm	S mm	P		
11276C	80	50	6	M/60	10	112760036
11276C	80	50	6	M/80	10	112760038
11276C	80	50	6	M/120	10	112760042

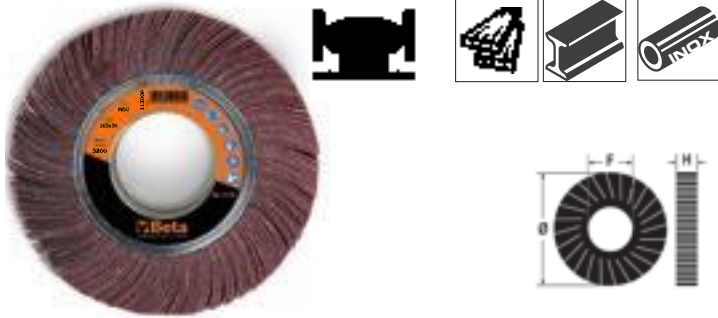
Beta

11300A÷11300G

flap wheels with corundum cloth, with bores

Ø 165 x 30 mm

EN 13743



	Ø mm	H mm	P	F mm		
11300A	165	30	40	54	3	113000004
11300A	165	30	60	54	3	113000006
11300A	165	30	80	54	3	113000008
11300A	165	30	120	54	3	113000012
11300A	165	30	180	54	3	113000018
11300A	165	30	220	54	3	113000022

	Ø mm	H mm	P	F mm		
11300B	165	50	40	54	2	113000104
11300B	165	50	60	54	2	113000106
11300B	165	50	80	54	2	113000108
11300B	165	50	120	54	2	113000112
11300B	165	50	180	54	2	113000118
11300B	165	50	220	54	2	113000122

	Ø mm	H mm	P	F mm		
11300C	200	30	40	54	3	113000204
11300C	200	30	60	54	3	113000206
11300C	200	30	80	54	3	113000208
11300C	200	30	120	54	3	113000212
11300C	200	30	180	54	3	113000218

	Ø mm	H mm	P	F mm		
11300D	200	50	40	54	2	113000304
11300D	200	50	60	54	2	113000306
11300D	200	50	80	54	2	113000308
11300D	200	50	120	54	2	113000312
11300D	200	50	180	54	2	113000318
11300D	200	50	220	54	2	113000322

	Ø mm	H mm	P	F mm		
11300E	250	30	40	100	3	113000404
11300E	250	30	60	100	3	113000406
11300E	250	30	80	100	3	113000408
11300E	250	30	120	100	3	113000412

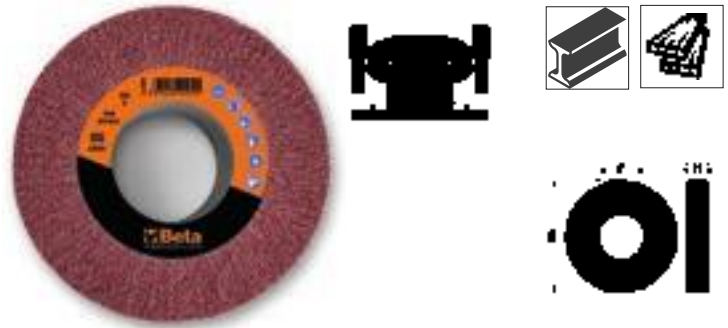
	Ø mm	H mm	P	F mm		
11300F	250	50	40	100	2	113000504
11300F	250	50	60	100	2	113000506
11300F	250	50	80	100	2	113000508
11300F	250	50	120	100	2	113000512
11300F	250	50	180	100	2	113000518
11300F	250	50	220	100	2	113000522

	Ø mm	H mm	P	F mm		
11300G	300	50	40	100	2	113000604
11300G	300	50	60	100	2	113000606
11300G	300	50	80	100	2	113000608

11320

abrasive non-woven wheels with bores,
corundum synthetic fibre fabric

Ø 200 x 50 mm



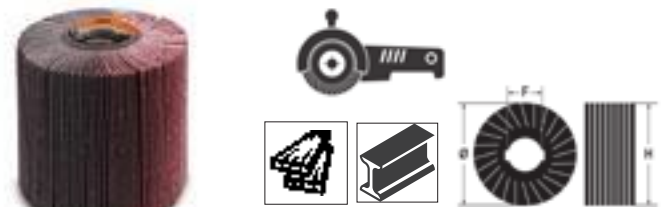
	Ø mm	H mm	P	F mm		
11320	200	50	C	76,2	2	113200006
11320	200	50	M	76,2	2	113200008
11320	200	50	F	76,2	2	113200012
11320	200	50	VF	76,2	2	113200024

11411

flap wheels with corundum cloth for satinizing machines

Ø 100 x 100 mm

EN 13743

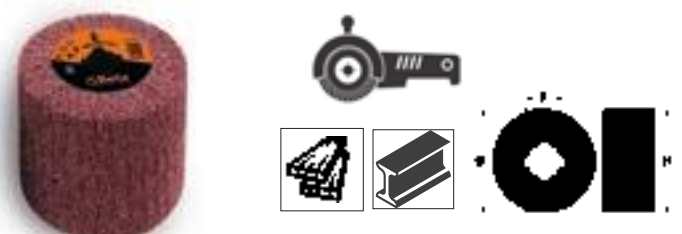


	Ø mm	H mm	P	F mm		
11411	100	100	40	19,1	2	114110004
11411	100	100	60	19,1	2	114110006
11411	100	100	80	19,1	2	114110008
11411	100	100	120	19,1	2	114110012
11411	100	100	240	19,1	2	114110024

11415B

non-woven flaps with
corundum synthetic fibres for satinizing machines

Ø 100 x 100 mm

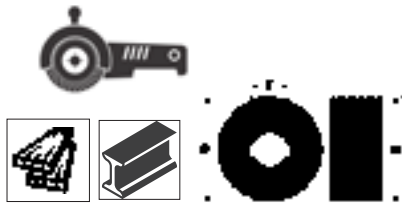


	Ø mm	H mm	P	F mm		
11415B	100	100	C	19,1	2	114150106
11415B	100	100	M	19,1	2	114150108
11415B	100	100	F	19,1	2	114150112
11415B	100	100	VF	19,1	2	114150124

11420B

flap/non-woven wheels for satinizing machines,
abrasive cloth alternating with corundum synthetic fibres

Ø 100 x 100 mm

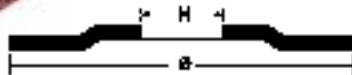


	Ø mm	H mm	P	F mm		
11420B	100	100	C/60	19,1	2	114200106
11420B	100	100	M/80	19,1	2	114200108
11420B	100	100	F/120	19,1	2	114200112
11420B	100	100	VF/240	19,1	2	114200124

11431

non-woven radial discs,
corundum synthetic fibres

Ø 115 mm

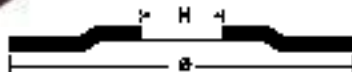


	Ø mm	P	F mm		
11431	115	C	22,23	4	114310006
11431	115	M	22,23	4	114310008
11431	115	F	22,23	4	114310012
11431	115	VF	22,23	4	114310024

11435

flap/non-woven radial discs,
abrasive cloth alternating with corundum synthetic fibres

Ø 115 mm



	Ø mm	P	F mm		
11435	115	M/80	22,23	4	114350008
11435	115	M/120	22,23	4	114350012
11435	115	F/150	22,23	4	114350015
11435	115	F/180	22,23	4	114350018

11440A÷11440C

fibre discs with zirconia cloth

Ø 115 mm



	Ø mm	P	F mm		
11440A	115	24	22	25	114400024
11440A	115	36	22	25	114400036
11440A	115	60	22	25	114400060
11440A	115	120	22	25	114400120

	Ø mm	P	F mm		
11440B	125	24	22	25	114400224
11440B	125	36	22	25	114400236
11440B	125	60	22	25	114400260
11440B	125	120	22	25	114400320

	Ø mm	P	F mm		
11440C	180	24	22	25	114400424
11440C	180	36	22	25	114400436
11440C	180	60	22	25	114400460
11440C	180	120	22	25	114400520

11450A÷11450C

fibre discs with corundum cloth

Ø 115 mm



	Ø mm	P	F mm		
11450A	115	24	22	25	114500024
11450A	115	36	22	25	114500036
11450A	115	60	22	25	114500060
11450A	115	120	22	25	114500120

	Ø mm	P	F mm		
11450B	125	24	22	25	114500224
11450B	125	36	22	25	114500236
11450B	125	60	22	25	114500260
11450B	125	120	22	25	114500320

	Ø mm	P	F mm		
11450C	180	24	22	25	114500424
11450C	180	36	22	25	114500436
11450C	180	60	22	25	114500460
11450C	180	120	22	25	114500520

11488PF

fixing pads for fibre discs with ring nut M14



	∅ mm		
11488P	115	1	114880115
11488P	125	1	114880125
11488P	180	1	114880180

11491-11493-11495

anti-waste rolls made of corundum abrasive cloth

h 38 mm x 50 m



	H mm	L m	P		
11491	38	50	40	1	114910004
11491	38	50	60	1	114910006
11491	38	50	80	1	114910008
11491	38	50	100	1	114910010
11491	38	50	120	1	114910012
11491	38	50	150	1	114910015
11491	38	50	180	1	114910018
11491	38	50	220	1	114910022
11491	38	50	240	1	114910024
11491	38	50	320	1	114910032
11491	38	50	400	1	114910040

	H mm	L m	P		
11493	50	50	40	1	114930004
11493	50	50	60	1	114930006
11493	50	50	80	1	114930008
11493	50	50	100	1	114930010
11493	50	50	120	1	114930012
11493	50	50	150	1	114930015
11493	50	50	180	1	114930018
11493	50	50	220	1	114930022
11493	50	50	240	1	114930024
11493	50	50	320	1	114930032
11493	50	50	400	1	114930040

	H mm	L m	P		
11495	120	25	40	1	114950004
11495	120	25	60	1	114950006
11495	120	25	80	1	114950008
11495	120	25	100	1	114950010
11495	120	25	120	1	114950012
11495	120	25	180	1	114950018
11495	120	25	240	1	114950024
11495	120	25	400	1	114950040

11498

non-woven anti-waste roll
with corundum synthetic fibres

h 100 mm x 10 m



	H mm	L m	P		
11498	100	10	M	1	114980008
11498	100	10	F	1	114980012
11498	100	10	VF	1	114980015
* 11498	100	10	UF	1	114980018



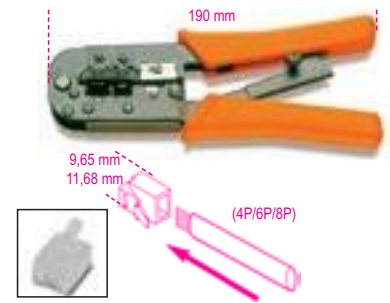
CRIMPING PLIERS FOR TERMINALS AND TERMINALS

		Terminals	Die cavity	Range (mm ²)	Use
1601/PC					For telephone and data transmission terminals 4P/6P/8P
1602				0,75-6	For insulated terminals, light series
1602A				0-6	For insulated terminals, standard model
1603				1,25-5,5	For non-insulated terminals, light series
1603A				0-8	For non-insulated closed terminals, standard model
1603B				0-8	For non-insulated open terminals, standard model
1606/2				0,14-10	Heavy-duty, for cylindrical terminals
1606A				0,5-6 6-16	For cylindrical terminals
1606T				0,1-10	For cylindrical terminals, 4-sided crimping
1607				6,48 5,41 1,69	Heavy-duty, for BNC coaxial wires RG 58, RG 59, RG 62, RG 71
1608				0,5-6	For insulated terminals, with pressure regulator
1608A				0,75-6	Heavy-duty, for insulated terminals
1609				0,5-2,5	For non-insulated terminals
1609A				0,5-6	Heavy-duty, for non-insulated terminals
1609B				10-120	For non-insulated terminals



1601/PC

ratchet crimping pliers for telephone terminals and data transmission



RJ11-RJ12-RJ45

2 016010011

1602

crimping pliers for insulated terminals, light series



mm²
0,75-6

5 016020001

1602/C9

crimping pliers, light series, with assortment of 450 terminals



1602/C9

1 016020045

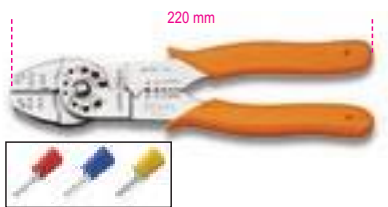
1602

BM00180	R/6,3	1
BM00280	B/6,3	50
BM00380	G/6,3	50
BM00191	R/6,3	50
BM00291	B/6,3	50
BM00392	G/6,3	50
BM00160	R/1,6	50
BM00260	B/2,3	50
BM00360	G/3,6	50

420x350x35 mm - 1,5 kg

1602A

crimping pliers for insulated terminals, standard model

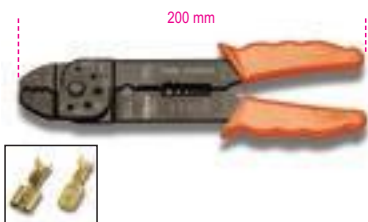


mm^2
0÷6

2 016020005

1603

crimping pliers for non-insulated terminals, light series

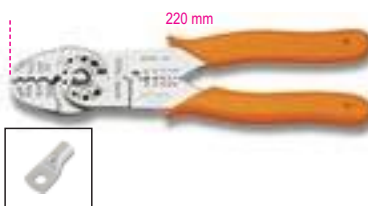


mm^2
1,25÷5,5

5 016030001

1603A

crimping pliers for non-insulated closed terminals, standard model

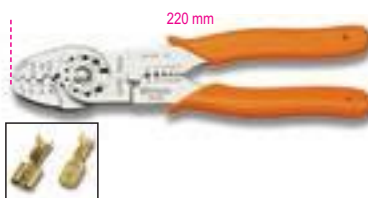


mm^2
0÷8

2 016030005

1603B

crimping pliers for non-insulated open terminals, standard model



mm^2
0÷8

2 016030010

1606/2

heavy duty crimping pliers for cylindrical terminals



mm^2	L mm	A mm	B mm	
0,14÷10	175	65	20	1 016060002

1606A

crimping pliers for tubular terminals



	mm^2	
1606A6	0,5÷6	1 016060010
1606A16	6÷16	1 016060016

1606A/C9

crimping pliers for tubular terminals with assortment of 450 terminals, 0.5÷6 mm²



1606A/C9 1 016060045

	n.
1606A6	1
BM00601 W/0,5	50
BM00604 N/1,5	100
BM00506 B/2,5	100
BM00508 G/4	100
BM00610 Y/6	100

420x350x35 mm - 2,5 kg



1606T

crimping pliers for tubular terminals, 4-sided crimping

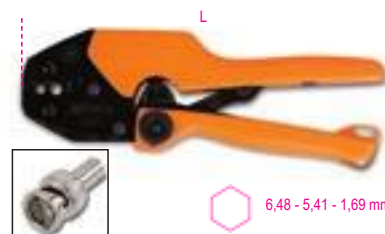
reduced lever stress



mm^2	L mm	A mm	B mm	
0,1÷10	173	61	13	1 016060005

1607

heavy duty crimping pliers for BNC coaxial wires RG 58, RG 59, RG 62, RG 71



L mm	A mm	B mm	
220	73	19	1 016070001

1608

crimping pliers for insulated terminals, with pressure regulator



mm^2
0,5÷6


1 016080001





1608/C9

pliers
with assortment of 450 terminals



1608/C9  1 016080045



1608	n.
BM00180 R/6,3	50
BM00280 B/6,3	50
BM00380 G/6,3	50
BM00191 R/6,3	50
BM00291 B/6,3	50
BM00392 G/6,3	50
BM00160 R/1,6	50
BM00260 B/2,3	50
BM00360 G/3,6	50

 420x350x35 mm -  2 kg

1608A

heavy duty crimping pliers
for insulated terminals





 mm^2
0,75÷6  1 016080005

1609

crimping pliers for non-insulated terminals, professional model
fast performance





 mm^2
0,5÷2,5  1 016090001

1609A

heavy duty crimping pliers
for non-insulated terminals





 mm^2
0,5÷6  1 016090005

1609B

crimping pliers for noninsulated terminals

punch crimps,
10 mm² ÷ 120 mm²




L
mm 600  mm^2
10÷120  1 016090101



1609C/C5

oil-pressure crimping pliers
with 5 pairs of dies

hexagonal crimps,
25 mm² ÷ 240 mm²



 mm^2
50÷240  1 016090210



 500x300x110 mm -  4 kg

1609M

dies for item 1609C

hexagonal crimps



	mm^2		
1609M/16	10-16	1	016090221
1609M/35	25-35	1	016090223
1609M/70	50-70	1	016090225
1609M/120	95-120	1	016090227
1609M/150	150	1	016090229
1609M/185	185	1	016090231
1609M/240	240	1	016090233

1639S

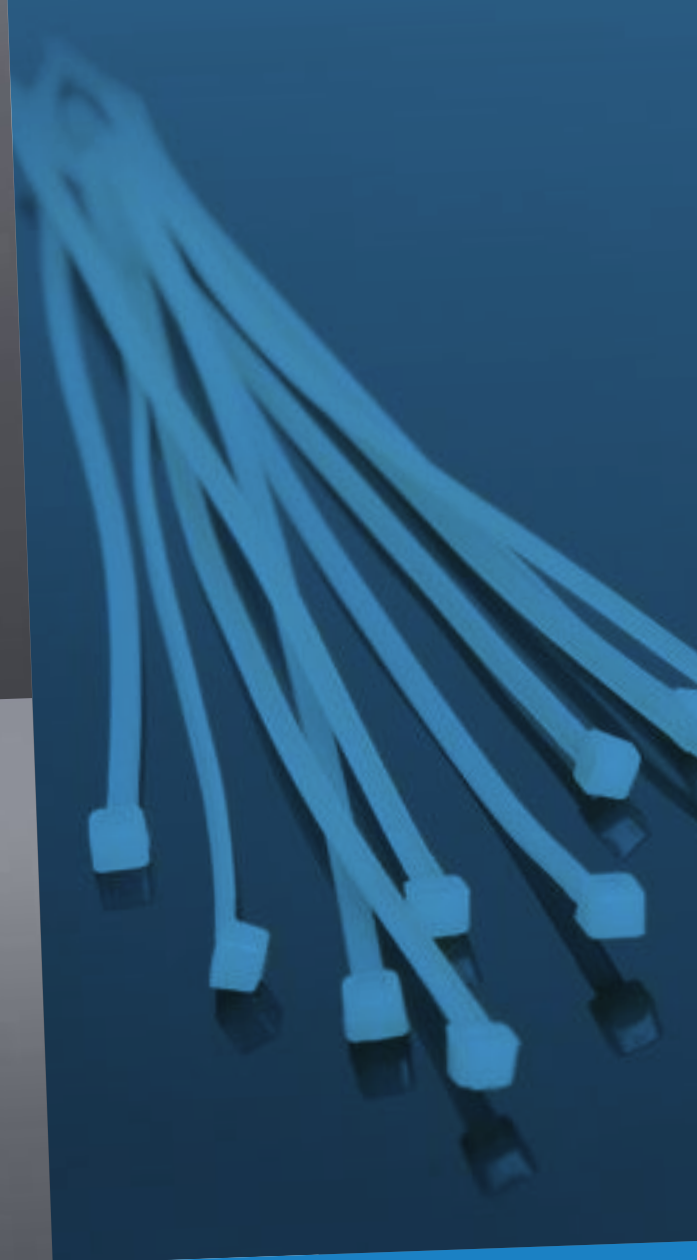
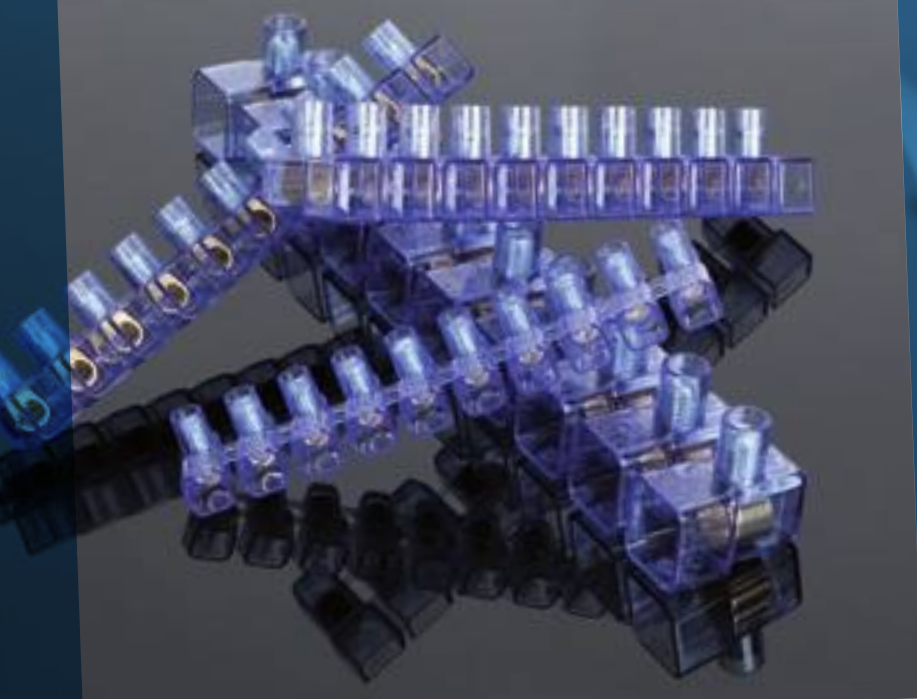
nylon wire puller

with interchangeable heads



L \emptyset
m 10 mm 4  1 016390010





PRODUCTS UNDER THE BRAND NAME BM: CABLE TIES, TERMINAL BLOCKS, ELECTRICAL TAPES

BM Group has been designing, manufacturing and distributing connecting parts and electrical installation products since 1958. Quality, safety and reliability have always been BM's key values. Combined with a passion for excellence, these values have allowed the company to develop – step by step – into a benchmark for the electrical material market.

In 2018 BM Group was taken over by Beta Utensili. This section comprises an accurate selection of products under the brand name BM, supplementing Beta's product range.

CERTIFIED QUALITY



1610-B

pre-insulated ring terminals



D mm	mm²	L mm		
4	0,25-1,5	20,6		100 BM00119
5	0,25-1,5	21,8		100 BM00125
5	1,5-2,5	22,4		100 BM00225
6	1,5-2,5	26		100 BM00231
8	1,5-2,5	29,8		100 BM00237
6	4-6	29,1		50 BM00331
8	4-6	34,5		50 BM00337

- Please indicate number of terminals, and not of packages, in your order
- Stated prices are for 100 pieces

1614-P

pre-insulated ferrule terminals

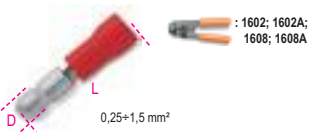


D mm	mm²	L mm		
1,9	0,25-1,5	19		100 BM00151
1,9	1,5-2,5	19		100 BM00251
2,7	4-6	28		50 BM00350

- Please indicate number of terminals, and not of packages, in your order
- Stated prices are for 100 pieces

1616-SM

pre-insulated male pin terminals

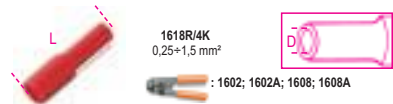


D mm	mm²	L mm		
4	0,25-1,5	21		100 BM00130

- Please indicate number of terminals, and not of packages, in your order
- Stated prices are for 100 pieces

1618-SF

pre-insulated female pin terminals

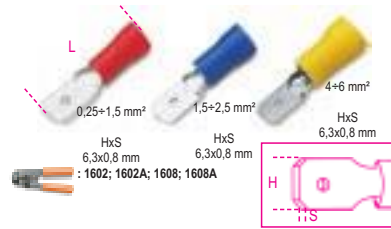


D mm	mm²	L mm		
3,8	0,25-1,5	23,5		100 BM00140

- Please indicate number of terminals, and not of packages, in your order
- Stated prices are for 100 pieces

1620-M

pre-insulated quick male terminals



HxS mm	mm²	L mm		
6,3x0,8	0,25-1,5	21		100 BM00180
6,3x0,8	1,5-2,5	21		100 BM00280
6,3x0,8	4-6	24,5		50 BM00380

- Please indicate number of terminals, and not of packages, in your order
- Stated prices are for 100 pieces

1622-F

pre-insulated quick female terminals



HxS mm	mm²	L mm		
6,3x0,8	0,25-1,5	20,7		100 BM00190
2,8x0,5	0,25-1,5	18,5		100 BM00395
6,3x0,8	1,5-2,5	20,7		100 BM00290
6,3x0,8	4-6	24,5		50 BM00391

- Please indicate number of terminals, and not of packages, in your order
- Stated prices are for 100 pieces

1624-FI

insulated quick female terminals



HxS mm	mm²	L mm		
6,3x0,8	0,25-1,5	22		100 BM00191
6,3x0,8	1,5-2,5	22		50 BM00291
6,3x0,8	4-6	25		50 BM00392

- Please indicate number of terminals, and not of packages, in your order
- Stated prices are for 100 pieces

1628-C

pre-insulated cable connectors



D mm	mm²	L mm		
1,8	0,25-1,5	25		100 BM00160
2,5	1,5-2,5	26,5		100 BM00260
3,7	4-6	27		50 BM00360

- Please indicate number of terminals, and not of packages, in your order
- Stated prices are for 100 pieces

1630-CR

quick connectors



mm²	L mm		
0,25-1	15,3		500 BM00110
1,25-2,5	15,9		500 BM00210

- Please indicate number of terminals, and not of packages, in your order
- Stated prices are for 100 pieces

1632-TS

single tube terminals



mm²	L mm		
0,5	14		500 BM00601
0,75	14		500 BM00602
1	14		500 BM00603
1,5	14		500 BM00604
2,5	14		250 BM00506
4	17		200 BM00508
6	20		100 BM00610
0,5	14		500 BM00501
0,75	14		500 BM00502
1	14		500 BM00503
1,5	14		500 BM00504
6	20		100 BM00510

- Please indicate number of terminals, and not of packages, in your order
- Stated prices are for 100 pieces

1634-TD

dual tube terminals



mm²	L mm		
2x0,5	15		200 BM00651
2x0,75	15		200 BM00652
2x1	15		200 BM00654
2x1,5	16		200 BM00656
2x2,5	18,5		100 BM00558
2x4	23		100 BM00560
2x6	26		50 BM00661
2X0,5	15		200 BM00551
2X0,75	15		200 BM00552
2X1	15		200 BM00554
2X1,5	16		200 BM00556
2X6	26		50 BM00561

- Please indicate number of terminals, and not of packages, in your order
- Stated prices are for 100 pieces





1635-D

multiple polypropylene terminals, 12-pole strips

Insulating housing: natural polypropylene (PP)

Conductive body: brass

Captive screw: galvanized steel

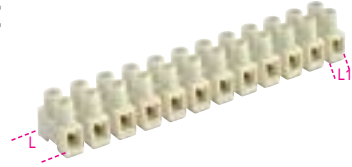
Self-extinguishing: EN 60335-1: 2002+A2:2006 (par. 30.2.3), EN 60695-2-10 at 850 °C, EN 60695-2-11

Operating temperature: max. 85 °C

Degree of protection: IP20

Reference standards: EN 60998-1: 2004, EN 60998-2-1: 2004, EN 60335-1: 2002 + A2: 2006 (par. 30.2.3), IEC/EN 60695-2-11

CE



mm ²	L mm	L1 mm	mm ²		
16	93,7	14,7	2,5	50	BM9200
20,5	116,5	17,2	4	50	BM9201
23,5	139,5	20,1	6	50	BM9202
25,3	175,5	22,5	16	25	BM9203
35,2	228	33,5	25	10	BM9204

1635-S

closed end connector terminals, for free connections

Insulating housing: transparent polycarbonate UL94 V0

Conductive body: brass

Captive screw: galvanized steel

Self-extinguishing: EN60695-2-10 a 850°C, EN 60335-1:2002 +A2:2006, EN60695-2-11

Working temperature: max. 85 °C

Degree of protection: IP20

Reference standards: EN60998-1: EN60998-2-1:2004

CE



mm ²	L mm	L1 mm	S mm	mm ²	N		
1.5	15	7.5	14.5	1.5	2	10	BM991
				1 2+3			
				0.75 2+4			
2.5	17.5	9	18.2	2.5	2	10	BM992
				1.5 2+3			
				1 2+4			
4	21	10.3	20	4	2	10	BM9924
				2.5 2+3			
				1.5 2+4			
6	22.5	11.8	23	6	2	10	BM993
				4 2+3			
				2.5 2+4			
10	26	14.7	26	10	2	10	BM994
				6 2+3			
				4 2+4			
16	31.8	18.8	32.2	16	2	10	BM995
				10 2+3			
				6 2+4			

1635-S

CE



mm ²	L mm	L1 mm	S mm	mm ²	N		
25	36.3	22.5	41.9	25	2	25	BM9960
				16 2+3			
				10 2+4			
35	43.5	26.1	49.4	35	2	25	BM9961
				25 2+3			
				16 2+4			



1748-BV2

nylon cable ties, natural colour

Material: polyamide PA 6.6

Self-extinguishing class: UL 94-V2

Working temperature: -40 °C ÷ +85 °C

Minimum installation temperature: -10 °C

Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

Reference standards: EN 62275:2015-02

Classification: type 1 (EN); type 21 (UL)



A mm	L mm	Ø MAX mm	F MAX N		
2.5	80	14	80	100	BMB0824
2.5	100	20.5	80	100	BMB1025
2.5	120	27	80	100	BMB1225
2.5	160	40	80	100	BMB1625
2.5	200	52.5	80	100	BMB2025
3.6	140	33	180	100	BMB1436
3.6	200	52.5	180	100	BMB2036
3.6	300	106	180	100	BMB2936
3.6	370	105	180	100	BMB3736
4.6	120	24	220	100	BMB1248
4.6	160	36	220	100	BMB1648
4.8	188	46	220	100	BMB1948
4.8	200	50	220	100	BMB2048
4.8	250	65	220	100	BMB2548
4.8	300	81	220	100	BMB3048
4.8	370	103.5	220	100	BMB3748
4.8	390	110	220	100	BMB3948
4.8	430	122.5	220	100	BMB4348
4.8	530	160	220	100	BMB5348
7.6	150	24	550	100	BMB1576
7.6	200	51	550	100	BMB2076
7.6	300	83	550	100	BMB2976
7.6	370	103.5	550	100	BMB3776
7.6	450	130.5	550	100	BMB4576
7.6	540	159	550	100	BMB5476
7.6	750	226	550	100	BMB7576
8.8	550	163.5	800	100	BMB5390
8.8	710	195	800	100	BMB7190
8.8	780	235.5	800	100	BMB7890
9.0	430	130.5	800	100	BMB4390
9.0	810	245	800	100	BMB8190
9.0	1020	295	800	100	BMB1090
9.0	1220	375.5	800	100	BMB1290
9.0	1530	460	800	100	BMB1590

- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces



1748V

nylon cable ties, green

Material: polyamide PA 6.6

Self-extinguishing class: UL 94-V2

Operating temperature: -40 °C ÷ +85 °C

Minimum installation temperature: -10 °C

Resistance to chemicals: good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

Reference standards: EN 62275:2015-02

Classification: type 1 (EN); type 21 (UL)



A mm	L mm	Ø MAX mm	F MAX N		
2.5	100	20.5	80	100	BMV1025
3.6	140	33	180	100	BMV1436
4.8	200	50	220	100	BMV2048
4.8	300	81	220	100	BMV3048

- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748N

nylon cable ties, black

UV resistant

Material: polyamide PA 6.6 + carbon black

Self-extinguishing class: UL 94-V2

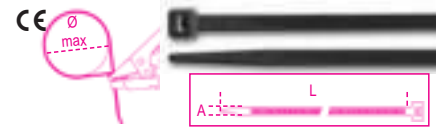
Working temperature: -40 °C ÷ +85 °C

Minimum installation temperature: -10 °C

Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

Reference standards: EN 62275:2015-02

Classification: type 1 (EN)



A mm	L mm	Ø mm	F MAX N		
2.5	80	14	80	100	BMN0824
2.5	100	20.5	80	100	BMN1025
2.5	120	27	80	100	BMN1225
2.5	160	40	80	100	BMN1625
2.5	200	52.5	80	100	BMN2025
3.6	140	33	180	100	BMN1436
3.6	200	52.5	180	100	BMN2036
3.6	300	106	180	100	BMN2936
3.6	370	105	180	100	BMN3736
4.6	120	24	220	100	BMN1248
4.6	160	36	220	100	BMN1648
4.8	188	46	220	100	BMN1948
4.8	200	50	220	100	BMN2048
4.8	250	65	220	100	BMN2548
4.8	300	81	220	100	BMN3048
4.8	370	103.5	220	100	BMN3748
4.8	390	110	220	100	BMN3948
4.8	430	122.5	220	100	BMN4348
4.8	530	160	220	100	BMN5348
7.6	150	24	550	100	BMN1576
7.6	200	51	550	100	BMN2076
7.6	300	83	550	100	BMN2976
7.6	370	103.5	550	100	BMN3776
7.6	450	130.5	550	100	BMN4576
7.6	540	159	550	100	BMN5476
7.6	750	226	550	100	BMN7576
8.8	550	163.5	800	100	BMN5390
8.8	710	195	800	100	BMN7190
8.8	780	235.5	800	100	BMN7890
9.0	430	130.5	800	100	BMN4390
9.0	810	245	800	100	BMN8190
9.0	1020	295	800	100	BMN1090
9.0	1220	375.5	800	100	BMN1290
9.0	1530	460	800	100	BMN1590

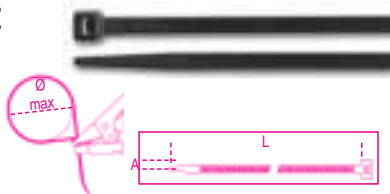
- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-UL

nylon cable ties, for heavy loads,
black
UV and IMPACT resistant

Material: polyamide PA 6.6 + carbon black
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)

CE



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
12.4	230	57	1200	100	BMN2412
12.4	480	136.5	1200	100	BMN4912
12.4	730	216.1	1200	100	BMN7412
12.4	880	263.9	1200	100	BMN8912
12.4	1000	305	1200	100	BMN1012

- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-N2D

nylon cable ties,
black,
UV resistant

Material: polyamide PA 6.6 + carbon black
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
9.0	180	40	400	100	BMN1890
9.0	265	62	540	100	BMN2690
9.0	360	93	540	100	BMN3690

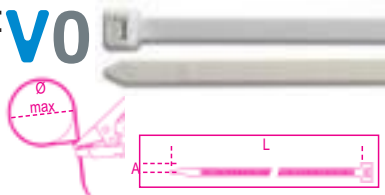
- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-BVO

self-extinguishing nylon cable ties,
white

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V0
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)

CE V0



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	100	20.5	80	100	BMB1025V0
3.6	150	36.0	180	100	BMB1536V0
3.6	200	52.5	180	100	BMB2036V0
4.8	200	49.5	230	100	BMB2048V0
4.8	300	81.0	230	100	BMB3048V0
4.8	370	106.7	230	100	BMB3848V0
7.6	370	106.7	540	100	BMB3876V0

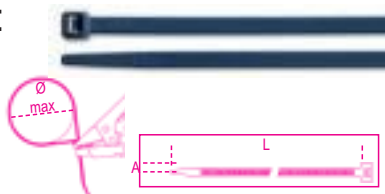
- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-BX

nylon cable ties,
blue,
detectable by metal detectors

Material: polyamide PA 6.6 + metal powder
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	100	20.5	80	100	BMBX1025
3.6	150	36.0	180	100	BMBX1536
3.6	200	52.5	180	100	BMBX2036
4.8	200	49.5	230	100	BMBX2048
4.8	300	81.0	230	100	BMBX3048
4.8	370	106.7	230	100	BMBX3848
7.6	370	106.7	540	100	BMBX3876

- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-BL

steel tooth nylon cable ties,
natural colour

Material: polyamide PA 6.6 + steel
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	100	20.5	180	100	BMBL1025
2.5	200	52.5	180	100	BMBL2025
3.6	140	33.0	250	100	BMBL1436
4.8	200	49.5	360	100	BMBL2048
4.8	300	81.0	360	100	BMBL3048
4.8	370	103.5	360	100	BMBL3748
7.6	370	103.5	780	100	BMBL3776

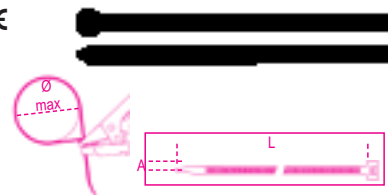
- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-NL

steel tooth nylon cable ties,
black,
UV resistant

Material: polyamide PA 6.6 + steel + carbon black
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	100	20.5	180	100	BMNL1025
2.5	200	52.5	180	100	BMNL2025
3.6	140	33.0	250	100	BMNL1436
4.8	200	49.5	360	100	BMNL2048
4.8	300	81.0	360	100	BMNL3048
4.8	370	103.5	360	100	BMNL3748
7.6	370	103.5	780	100	BMNL3776

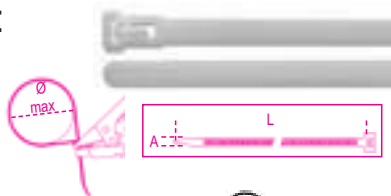
- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-BR

reusable nylon cable ties,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)

CE



FILE N° E223175

A	L	Ø MAX	F MAX		
mm	mm	mm	N		
7.6	150	40	230	100	BMBR1576
7.6	200	55	230	100	BMBR2076
7.6	300	82	230	100	BMBR3076

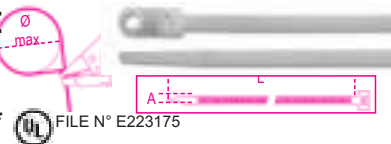
- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-BH

nylon cable ties with eyelets,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)

CE



FILE N° E223175

A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	110	19.0	80	100	BMBH1125
* 4.8	200	49.8	230	100	BMBH2048
* 7.6	305	78.7	550	100	BMBH3076

- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

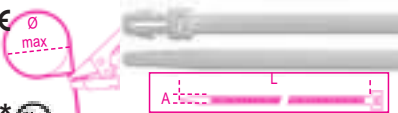


1748-BP

insertion nylon cable ties,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)

CE



FILE N° E223175

A	L	Ø MAX	F MAX		
mm	mm	mm	N		
3.6	155	37.9	180	100	BMBP1536
* 4.8	200	50.8	230	100	BMBP2048

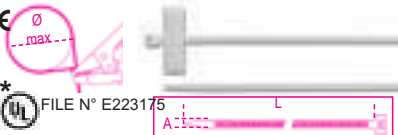
- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-BT

nylon cable ties with cross plates, 25x8mm,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN); type 21 (UL)

CE



FILE N° E223175

A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	100	22.0	80	100	BMBT21025
2.5	200	53.5	80	100	BMBT22025

- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-BT2

nylon cable ties with lengthwise plates,
13x27mm,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
4.8	190	51	230	100	BMBT12248

- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-BT3

nylon cable ties with exterior plates, 20x9mm,
natural colour

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: good Resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols
Reference standards: EN 62275:2015-02
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	110	22	80	100	BMBT11125

- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-BA1

cable tie mounts

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols



SxDxH	Ø	F		
mm	mm	mm		
15.2x9.4x6.8	3.3	3.6	100	BMB0905
22x16.2x10.8	5.2	9	100	BMB0906

- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-NA1

cable tie mounts

Material: polyamide PA 6.6
Self-extinguishing class: UL 94-V2
Working temperature: -40 °C ÷ +85 °C
Minimum installation temperature: -10 °C
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols



SxDxH	Ø	F		
mm	mm	mm		
15.2x9.4x6.8	3.3	3.6	100	BMN0905
22x16.2x10.8	5.2	9	100	BMN0906

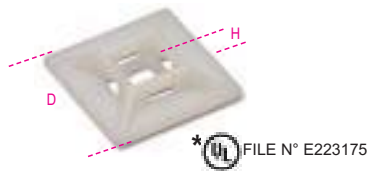
- Please indicate number of cable ties, and not of packages, in your order
- Stated prices are for 100 pieces

1748-BA2

cable tie mounts - two-way

Material: polyamide PA 6.6
 Self-extinguishing class: UL 94-V2
 Working temperature: -40 °C + +85 °C
 Minimum installation temperature: -10 °C
 Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

CE



SxDxH mm	F mm		
19x19x5.4	3.6	100	BMB0901
* 28x28x7	4.8	100	BMB0902
* 28x28x5.8	4.8	100	BMB0903

1748-NA2

cable tie mounts - two-way,
 UV resistant

Material: polyamide PA 6.6
 Self-extinguishing class: UL 94-V2
 Working temperature: -40 °C + +85 °C
 Minimum installation temperature: -10 °C
 Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

CE



SxDxH mm	F mm		
19x19x5.4	3.6	100	BMN0901
* 28x28x7	4.8	100	BMN0902
* 28x28x5.8	4.8	100	BMN0903

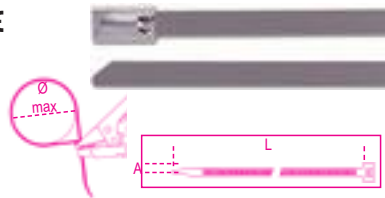
- Please indicate number of cable ties, and not of packages, in your order
 - Stated prices are for 100 pieces

1748-S

self-locking stainless steel cable ties

Material: stainless steel AISI 304
 Locking device: roller ball type
 Self-extinguishing class: non-flammable
 Plenum rating: AH-1
 UV resistance: excellent
 Working temperature: -60 °C + +300 °C
 Minimum installation temperature: -60 °C
 Resistance to chemicals: excellent
 Reference standards: EN 62275:2015-02
 Classification: type 2 (EN); type 2 (UL)

CE



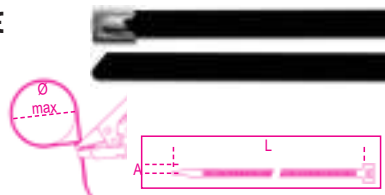
A mm	L mm	ØMAX mm	Trazione N		
4.6	125	38	890	100	BMS1345
4.6	200	61.9	890	100	BMS2045
7.9	200	61.9	1500	100	BMS2079
4.6	290	90.6	890	100	BMS3045
7.9	300	90.6	1500	100	BMS3079
4.6	360	112.8	890	100	BMS3745
7.9	360	112.8	1500	100	BMS3779
7.9	520	163.8	1500	100	BMS5079
4.6	520	163.8	890	100	BMS5245
4.6	680	214.8	890	100	BMS6845
7.9	680	214.8	1500	100	BMS6879
4.6	840	265.7	890	100	BMS8445
7.9	840	265.7	1500	100	BMS8479

1748-SC

self-locking stainless steel cable ties,
 black polyester coating

Material: stainless steel AISI 304 + polyester
 Locking device: roller ball type
 Self-extinguishing class: non-flammable
 Plenum rating: AH-1
 UV resistance: excellent
 Working temperature: -60 °C + +300 °C
 Minimum installation temperature: -60 °C
 Resistance to chemicals: excellent
 Reference standards: EN 62275:2015-02
 Classification: type 2 (EN); type 2 (UL)

CE

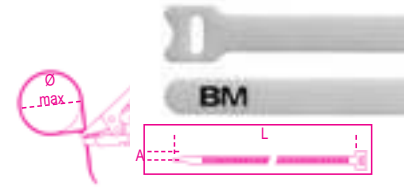


A mm	L mm	ØMAX mm	Trazione N		
4.6	125	38	450	100	BMSC1345
4.6	200	61.9	450	100	BMSC2045
7.9	200	61.9	800	100	BMSC2079
4.6	290	90.6	450	100	BMSC3045
7.9	300	90.6	800	100	BMSC3079
4.6	360	112.8	450	100	BMSC3745
7.9	360	112.8	800	100	BMSC3779
7.9	520	163.8	800	100	BMSC5079
4.6	520	163.8	450	100	BMSC5245
4.6	680	214.8	450	100	BMSC6845
7.9	680	214.8	800	100	BMSC6879
4.6	840	265.7	450	100	BMSC8445
7.9	840	265.7	800	100	BMSC8479

1748-BV

Velcro cable ties, wrap strap,
 white

Material: polyethylene-polyamide (PE-PA)
 Operating temperature: -20 °C + +60 °C



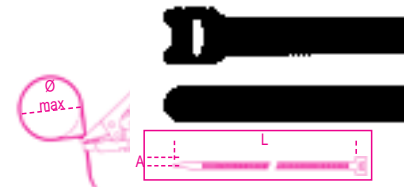
A mm	L mm	Ø MAX mm	F MAX N		
12,7	229	55	180	10	BMBV2312
19	229	55	220	10	BMBV2319

- Please indicate number of cable ties, and not of packages, in your order
 - Stated prices are for 100 pieces

1748-NV

Velcro cable ties, wrap strap,
 black

Material: polyethylene-polyamide (PE-PA)
 Operating temperature: -20 °C + +60 °C

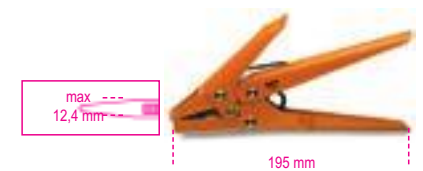


A mm	L mm	Ø MAX mm	F MAX N		
12,7	229	55	180	10	BMNV2312

- Please indicate number of cable ties, and not of packages, in your order
 - Stated prices are for 100 pieces

1743

fitting tool for nylon ties



1743 1 017430001

1743T

cable tie cutting tool

• Also suitable for cutting small cables
 (3x1.5mm²; 1x17mm²)



1743T 1 017430100



1748-N

fitting tools for nylon cable ties, 2.5 to 4.8 mm in width

Automatic cutting when set tension is reached. With tightening tension adjustment system.

Materials: glass frame made from polymer and fibreglass, interior parts made from metal



max
4,8 mm

1748-N 1 BM1100

1748-ST

automatic clamps for stainless steel cable ties, for cable ties with width ranging from 4.6 to 9 mm, automatic tension and cut control



1748-ST 1 BM1105

1638M

thin-wall heat shrink sheaths, in mini box

Shrink ratio: 2:1

Material: polyethylene

Operating temperature: -55 °C ÷ +125 °C

Shrink temperature: +70 °C ÷ +110 °C

Maximum VRMS: 600 V

Self-extinguishing degree of sheath: flame retardant VW-1 (UL 1581)

Halogen-free



Ø1 Ø2

L	Ø1	Ø2		
mm	mm	mm	mm	mm
1,6	12	2,0+0,-3,0	8,5	1 BMGBS016MNE
2,4	11	3,00+0,-3,1	1,25	1 BMGBS024MNE
3,2	11	3,5+0,-4	1,5	1 BMGBS032MNE
4,8	10	5,5+0,-4	2,5	1 BMGBS048MNE
6,4	9	6,5+0,-4	3	1 BMGBS064MNE
9,5	7	9,5+0,-5	4,5	1 BMGBS095MNE
12,7	6	13,5+0,-5	6,5	1 BMGBS127MNE
19	5	21+0,-5	10	1 BMGBS190MNE
25,4	3,5	26,0+0,-5	12,5	1 BMGBS254MNE

1639ESB

PVC electrical tape

Working temperature: 0-90°C

Tensile strength: 28N/cm equivalent to 18.6 N/mm²

Elongation: 200%

Adhesion to steel: 2.2N/cm

Adhesion to backing: 2 N/cm

Dielectric strength: 45kV/mm

Flammability: flame retardant

Reference standards: IEC 60454-2

Classification: CEI EN 60454-3-1-5/F-PVCP/90



S	A	L		
mm	mm	m		
0.15	15	10		10 BMESB1510BI
0.15	15	10		10 BMESB1510BL
0.15	15	10		10 BMESB1510GI
0.15	15	10		10 BMESB1510GR
0.15	15	10		10 BMESB1510GV
0.15	15	10		10 BMESB1510MA
0.15	15	10		10 BMESB1510NE
0.15	15	10		10 BMESB1510RO
0.15	15	10		10 BMESB1510VE
0.15	15	25		10 BMESB1525BI
0.15	15	25		10 BMESB1525BL
0.15	15	25		10 BMESB1525GI
0.15	15	25		10 BMESB1525GR
0.15	15	25		10 BMESB1525GV
0.15	15	25		10 BMESB1525MA
0.15	15	25		10 BMESB1525NE
0.15	15	25		10 BMESB1525RO
0.15	15	25		10 BMESB1525VE
0.15	19	25		10 BMESB1925BI
0.15	19	25		10 BMESB1925BL
0.15	19	25		10 BMESB1925GI
0.15	19	25		10 BMESB1925GR
0.15	19	25		10 BMESB1925GV
0.15	19	25		10 BMESB1925MA
0.15	19	25		10 BMESB1925NE
0.15	19	25		10 BMESB1925RO
0.15	19	25		10 BMESB1925VE
0.15	25	25		8 BMESB2525BI
0.15	25	25		8 BMESB2525BL
0.15	25	25		8 BMESB2525GI
0.15	25	25		8 BMESB2525GR
0.15	25	25		8 BMESB2525GV
0.15	25	25		8 BMESB2525MA
0.15	25	25		8 BMESB2525NE
0.15	25	25		8 BMESB2525RO
0.15	25	25		8 BMESB2525VE
0.15	50	25		4 BMESB5025NE

1639ESC

PVC electrical tape

Working temperature: 0-80°C

Tensile strength: 28N/cm equivalent to 18.6 N/mm²

Elongation: 200%

Adhesion to steel: 2.2N/cm

Adhesion to backing: 2.2 N/cm

Dielectric strength: 38kV/mm

Flammability: flame retardant

Reference standards: ASTM-D-1000 ; UL510

Classification: CEI EN 60454-3-1-5/F-PVCP/90



S	A	L		
mm	mm	m		
0.18	19	20		10 BMESC1920NE

1639ETA

PVC electrical tape for extreme temperatures

Working temperature: -18 ÷ +105 °C

Tensile strength: 35N/cm equivalent to 19.4 N/mm²

Elongation: 300%

Adhesion to steel: 3.1N/cm

Adhesion to backing: 2.7 N/cm

Dielectric strength: 55.5kV/mm

Flammability: flame retardant

Reference standards: ASTM-D-1000 ; UL510

Classification: CEI EN 60454-3-1-5/F-PVCP/90



S	A	L		
mm	mm	m		
0.18	19	20		1 BMETA1920NE

1639EAB

EPR self-amalgamating electrical tape

Working temperature: -40 ÷ +90 °C

Tensile strength: 2.4 N/mm²

Elongation: 750%

Dielectric strength: 29.5kV/mm

Flammability: flame retardant

Reference standards: ASTM-D-4388; ASTM-D-4325

Excellent resistance to: moisture, corrosion, chemicals



S	A	L		
mm	mm	m		
0.76	19	9		1 BMEAB1909NE

Beta
Quality Tools

Beta



BLISTER PACK RANGE

free-service sales!

- **Increased visibility**
- **Display efficiency**
- **Bar code**



Blister pack support:

- *tearproof PVC*
- *4 formats for optimized display space*
- *New-generation fixing system with elastic band*

42K



mm		
5,5x5,5	5	000429505
6x6	5	000429506
7x7	5	000429507
8x8	5	000429508
9x9	5	000429509
10x10	5	000429510
11x11	5	000429511
12x12	5	000429512
13x13	5	000429513
14x14	5	000429514
15x15	5	000429515
16x16	5	000429516
17x17	5	000429517
18x18	5	000429518
19x19	5	000429519
20x20	3	000429520
21x21	3	000429521
22x22	3	000429522
23x23	3	000429523
24x24	3	000429524
25x25	2	000429525
26x26	2	000429526
27x27	2	000429527
28x28	2	000429528
29x29	2	000429529
30x30	2	000429530
32x32	2	000429532

55K



mm		
6x7	5	000559012
8x9	5	000559021
10x11	5	000559030
10x12	5	000559033
10x13	5	000559035
12x13	5	000559042
12x14	5	000559045
13x17	5	000559051
14x15	5	000559054
14x17	5	000559057
16x17	5	000559060
17x19	2	000559063
18x19	2	000559066
19x22	2	000559069
20x22	2	000559075
21x23	2	000559078
22x24	2	000559081
24x26	2	000559087
24x27	2	000559090
25x28	2	000559096
27x29	2	000559099
27x30	2	000559102
30x32	2	000559108

90K



mm		
6x7	5	000909006
8x9	5	000909012
10x11	5	000909018
12x13	5	000909027
14x15	5	000909033
16x17	5	000909039
18x19	5	000909045
20x22	3	000909051
21x23	2	000909057
24x26	2	000909063
24x27	2	000909067

mm		
25x28	2	000909070
27x29	2	000909073
30x32	2	000909080

93K



mm		
21x22	3	000939021

94K



mm		
8x10	2	000949008
9x11	2	000949009
10x11	2	000949010
11x13	2	000949011
12x14	2	000949012
13x15	2	000949013
14x15	2	000949014
14x17	2	000949015
17x19	2	000949017
19x22	2	000949019
22x24	2	000949022
24x27	2	000949024
30x32	2	000949030

96/SC9



96/SC9		
1,5-2-2,5-3-4-5-6-8-10 mm	1	000960374

96/ST6K



96/ST6K		
2,5-3-4-5-6-8 mm	3	000969370

96N/ST6K



96N/ST6K		
2,5-3-4-5-6-8 mm	3	000969640

96BPA/SC9



96BPA/SC9		
1,5-2-2,5-3-4-5-6-8-10 mm	1	000961974

96BP-CL/SC9



96BP-CL/SC9		
1,5-2-2,5-3-4-5-6-8-10 mm	1	000961619

96BPC/SC9



96BPC/SC9		
1,5-2-2,5-3-4-5-6-8-10 mm	1	000960354

96C/AS



1/16	20	000961702
3/32	20	000961706
1/8	20	000961710
5/32	20	000961714
3/16	20	000961716
7/32	20	000961718
1/4	20	000961720
5/16	10	000961724
3/8	10	000961728

96LBP/SC9



96LBP/SC9		
1,5-2-2,5-3-4-5-6-8-10 mm	1	000961354

96/BGS7



96/BGS7
1,5-2-2,5-3-4-5-6 mm

1 000960367

96/BG7



96/BG7
2,5-3-4-5-6-8-10 mm

1 000960368

96TK



mm		
2	5	000969934
2,5	5	000969935
3	5	000969936
4	5	000969938
5	5	000969940
6	5	000969941
8	3	000969943
10	3	000969945

97BTX/SC8



97BTX/SC8
T9-T10-T15-T20-T25-T27-T30-T40

1 000970164

97BTXL/SC8



97BTXL/SC8
T9-T10-T15-T20-T25-T27-T30-T40

1 000970364

111E



L mm		
100	3	001110110
150	3	001110115
200	3	001110120
250	3	001110125
300	3	001110130
380	3	001110138
450	2	001110145
600	1	001110160

111EN



L mm		
100	3	001110410
150	3	001110415
200	3	001110420
250	3	001110425
300	3	001110430
380	3	001110438
450	2	001110445

111ER



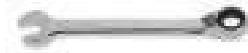
L mm		
200	3	001110520
250	3	001110525
300	2	001110530

123/K4



123/K4 1 001230504

142K



mm		
6	3	001429006
7	3	001429007
8	3	001429008
9	3	001429009
10	3	001429010
11	3	001429011
12	3	001429012
13	3	001429013
14	2	001429014
15	2	001429015
16	2	001429016
17	2	001429017
18	2	001429018
19	2	001429019
21	1	001429021
22	1	001429022
24	1	001429024

192/S2



192/S2 1 001920070
8x10/12x13 mm
16x17/18x19 mm

195K



mm		
8x10	2	001959010
12x13	2	001959013
14x15	2	001959015
16x18	2	001959018
17x19	2	001959019

374K



L mm 240 1 003749024



850MQ



L mm	Hand	Code
233	1	008500910

855P



L1 mm	Hand	Code
240	1	008550010

860/58K



L mm	Hand	Code
126	1	008609884

860LP



SxA mm	Hand	Code
0,5x3	5	008600005
0,6x4,5	5	008600010
0,8x5,5	5	008600015
1x5,5	5	008600020
1,2x6,5	5	008600025

860PH



PH	Hand	Code
0	5	008600220
1	5	008600225
2	5	008600230
3	5	008600245
4	5	008600250

860PZ



PZ	Hand	Code
1	5	008600320
2	5	008600325
3	5	008600330
4	5	008600335

860PE



mm	Hand	Code
2	5	008600101
2,5	5	008600102
3	5	008600103
4	5	008600104
5	5	008600105
6	5	008600106
8	5	008600108
10	5	008600110

860TX



Code	Hand	Code
T6	5	008600704
T7	5	008600705
T8	5	008600710
T9	5	008600715
T10	5	008600720
T15	5	008600725
T20	5	008600730
T25	5	008600735
T27	5	008600740
T30	5	008600745
T40	5	008600750

860RTX



Code	Hand	Code
T9	5	008600550
T10	5	008600555
T15	5	008600560
T20	5	008600565
T25	5	008600570
T27	5	008600575
T30	5	008600580
T40	5	008600585

860/C27



Code	Hand	Code
860/C27	1	008600880

860MIX/A10



Code	Hand	Code
860MIX/A10	1	008600900

860TX/A10



Code	Hand	Code
860TX/A10	1	008600970

860MIX/A31



Code	Hand	Code
860MIX/A31	1	008600902

862F/A7



Code	Hand	Code
862F/A7	1	008620950

900K



mm	Hand	Code
4	10	009009040
4,5	10	009009045
5	10	009009050
5,5	10	009009055
6	10	009009060
7	10	009009070
8	10	009009080
9	10	009009090
10	10	009009100
11	10	009009110
12	10	009009120
13	10	009009130
14	10	009009140

900/20LK



L mm	Hand	Code
100	5	009009819

900/25K

1/4"



L mm	5	009009830
41	5	009009830

900BG/30K

1/4"



L mm	5	009009834
128	5	009009834

900/55K

3/8"

1/4"



L mm	5	009009870
125	5	009009870

900/55ZK

3/8"

1/4"



L mm	3	009009882
125	3	009009882

900/58K

1/4"



L mm	2	009009884
126	2	009009884

910AK

3/8"



mm	5	009109006
6	5	009109006
7	5	009109007
8	5	009109008
9	5	009109009
10	5	009109010
11	5	009109011
12	5	009109012
13	5	009109013
14	5	009109014
15	5	009109015
16	5	009109016
17	5	009109017
18	5	009109018
19	5	009109019
20	5	009109020
21	5	009109021
22	5	009109022

910/21K

3/8"



L mm	5	009109822
125	5	009109822

910/25K

3/8"



L mm	5	009109830
54,6	5	009109830

910/55K

7/2"

3/8"



L mm	3	009109882
200	3	009109882

910/58K

3/8"



L mm	1	009109884
222	1	009109884

920AK

1/2"



mm	10	009209010
10	10	009209010
11	10	009209011
12	10	009209012
13	10	009209013
14	10	009209014
15	10	009209015
16	10	009209016
17	10	009209017
18	10	009209018
19	10	009209019
20	5	009209020
21	5	009209021
22	5	009209022
23	5	009209023
24	5	009209024
25	5	009209025
26	5	009209026
27	5	009209027
28	5	009209028
29	5	009209029
30	5	009209030
32	5	009209032

920/21K

1/2"



L mm	5	009209822
125	5	009209822

920/25K

1/2"



L mm	5	009209830
75	5	009209830

920/55K

7/2"

1/2"



L mm	3	009209882
275	3	009209882

920/58K

1/2"



L mm	1	009209926
281	1	009209926

935K



mm	5	009359105
6x7	5	009359105
8x9	5	009359111
10x11	5	009359115
12x13	5	009359117
14x15	5	009359126
16x17	5	009359128
18x19	5	009359131
20x22	3	009359138

937K



mm	5	009379006
6x6	5	009379006
7x7	5	009379007
8x8	5	009379008
9x9	5	009379009
10x10	5	009379010
11x11	5	009379011
12x12	5	009379012
13x13	5	009379013
14x14	5	009379014
15x15	5	009379015
16x16	5	009379016
17x17	5	009379017
18x18	5	009379018
19x19	5	009379019
20x20	5	009379020
21x21	3	009379021
22x22	3	009379022

943BKK



mm	Hand	Code
5,5	5	009439005
6	5	009439006
7	5	009439007
8	5	009439008
10	3	009439010
13	3	009439013

951K



mm	Hand	Code
2	5	009519521
2,5	5	009519525
3	5	009519530
3,5	5	009519535
4	5	009519540
4,5	5	009519545
5	5	009519550
6	5	009519560
8	5	009519580
10	5	009519610

1032K



L mm	Hand	Code
140x0,9	5	010329013
140x1,3	5	010329014
180	5	010329017

1033K



L mm	Hand	Code
140x0,9	5	010339013
140x1,3	5	010339014
180	5	010339017

1034K



L mm	Hand	Code
130x0,9	5	010349013
130x1,3	5	010349014
170	5	010349017

1036K



L mm	Hand	Code
140x0,9	5	010369013
140x1,3	5	010369014
175	5	010369017

1037K



L mm	Hand	Code
140x0,9	5	010379013
140x1,3	5	010379014
175	5	010379017

1038K



L mm	Hand	Code
135x0,9	5	010389013
135x1,3	5	010389014
175	5	010389017

1044K



L mm	Hand	Code
250	5	010449250

1044FK



L mm	Hand	Code
250	5	010449015



1048NK



L mm	Hand	Code
175	3	010489910
250	5	010489915

1048VNK



L mm	Hand	Code
175	3	010489111
250	5	010489116

1052K



L mm	Hand	Code
140	3	010529014
190	3	010529019
240	3	010529024

1082K



L mm	Hand	Code
140	5	010829004
160	5	010829006

1082GK



L mm	Hand	Code
140	5	010829064
160	5	010829066



1082BMK



L mm			
140	3	010829034	
160	3	010829036	

1082GBMK



L mm			
140	3	010829264	
160	3	010829266	

1084K



L mm			
160	3	010849006	

1084GK



L mm			
160	5	010849066	

1084BMK



L mm			
160	3	010849036	

1084GBMK



L mm			
160	3	010849266	

1088K



L mm			
160	2	010889006	

1088BMK



L mm			
160	2	010889036	

1096K



L mm			
200	5	010969020	

1098K



L mm			
190	5	010989190	
220	5	010989220	

1098PLK



L mm			
220	5	010989320	

1112K



L mm			
200	2	011129020	

1122K



L mm			
250	2	011229020	

1123K



L mm			
250	2	011239020	

1124K



L mm			
250	2	011249020	

1128BAX



L mm			
150	5	011280088	

1128BMX



L mm			
147	5	011280051	

1128BSX



L mm	5	011280061
148		

1128FX



L mm	5	011280090
145		

1128FXS



L mm	5	011280095
145		

1129BMK



L mm	5	011299000
145		

1130BMX



L mm	1	011300002
185		

1132K



L mm	2	011329107
170		

1132BMK



L mm	2	011329137
170		

1142BMK



L mm	3	011429036
160		

1144T



L mm	1	011440060
112		

1149F



L mm	1	011490010
175		

1150K



L mm	5	011509046
160		
180	5	011509048
200	5	011509050
220	2	011509052

1150GK



L mm	5	011509066
160		
180	5	011509068
200	5	011509070
220	2	011509072

1150BMK



L mm	3	011509146
160		
180	3	011509148
200	3	011509150
220	2	011509152

1150GBMK



L mm	3	011509266
160		
180	3	011509268
200	3	011509270
220	2	011509272

1162K



L mm	5	011629006
160		
200	5	011629010

1162GK



L mm	5	011629066
160		
200	5	011629070

1162BMK



L mm	3	011629036
160		
200	3	011629040

1162GBMK



L mm		
160	3	011629266
200	3	011629270

1164K



L mm		
160	5	011649006
200	5	011649010

1164BMK



L mm		
160	3	011649036
200	3	011649040

1166K



L mm		
160	5	011669006
200	5	011669010

1166GK



L mm		
160	5	011669066
200	5	011669070

1166BMK



L mm		
160	3	011669036
200	3	011669040

1166GBMK



L mm		
160	3	011669266
200	3	011669270

1168K



L mm		
160	5	011689006
200	5	011689010

1168GK



L mm		
160	5	011689066
200	5	011689070

1168BMK



L mm		
160	3	011689036
200	3	011689040

1168GBMK



L mm		
160	3	011689266
200	3	011689270



1201E/K



SxAxL mm		
0,4x2,5x50	5	012019203
0,4x2,5x75	5	012019206
0,5x3x75	5	012019209
0,5x3x100	5	012019212
0,6x3,5x75	5	012019218
0,6x3,5x100	5	012019221
0,8x4x100	5	012019230
0,8x4x125	5	012019233
0,8x4x150	5	012019236
1,0x5,5x100	5	012019239
1,0x5,5x125	5	012019240
1,0x5,5x150	5	012019242
1,2x6,5x100	5	012019248
1,2x6,5x125	5	012019250
1,2x6,5x150	5	012019251
1,2x8x150	3	012019257
1,2x8x200	3	012019260
1,6x10x200	3	012019266

1201EN/K



SxAxL mm		
0,8x4x30	3	012019303
1,2x6,5x30	3	012019306

1202E/K



PHxDxL mm		
0x3x60	5	012029203
0x3x100	5	012029206
1x4,5x80	5	012029209
1x4,5x120	5	012029212
2x6x100	5	012029218
2x6x150	5	012029221
3x8x150	3	012029224
4x9,5x200	3	012029227

1202EN/K



PHxDxL mm		
1x4,5x30	3	012029303
2x6x30	3	012029306

1204E/K



SxDxL mm		
0,4x2,5x60	5	012049103
0,6x3x75	5	012049106
0,5x3x100	5	012049109
0,8x4x100	5	012049112
0,8x4x125	5	012049115
1,0x5x125	5	012049118
1,0x5x150	5	012049121
1,2x6,5x150	5	012049124

1207E TX/K



T5	5	012079105
T6	5	012079106
T7	5	012079107
T8	5	012079108
T9	5	012079109
T10	5	012079110
T15	5	012079115
T20	5	012079120
T25	5	012079125
T27	5	012079127
T30	5	012079130
T40	2	012079140
T45	2	012079145

1208E RTX/K



T9	5	012089109
T10	5	012089110
T15	5	012089115
T20	5	012089120
T25	5	012089125
T27	5	012089127
T30	5	012089130
T40	2	012089140

1209E PZ/K



PZ 0	5	012099200
1	5	012099203
2	5	012099206
3	3	012099209
4	3	012099212

1209EN-PZ/K



1	3	012099303
2	3	012099306

1253



SxAxL mm		
0,5x3,5x100	5	012530001

1254



SxAxL mm		
0,5x3x44	5	012540001

1260K



SxAxL mm		
0,4x2,5x50	5	012609003
0,4x2,5x75	5	012609006
0,5x3x75	5	012609009
0,5x3x100	5	012609012
0,6x3,5x75	5	012609018
0,6x3,5x100	5	012609021
0,8x4x100	5	012609030
0,8x4x125	5	012609033
0,8x4x150	5	012609036
1x5,5x100	5	012609039
1x5,5x150	5	012609042
1,5x6,5x100	5	012609048
1,2x6,5x150	5	012609051
1,2x8x150	3	012609057
1,2x8x200	3	012609060
1,6x10x200	3	012609066

1260NK



SxAxL mm		
0,8x4x30	5	012609103
1,2x6,5x30	5	012609106

1260EK



SxAxL mm		
1,2x6,5x150	3	012609156
1,2x8x175	3	012609157
1,6x10x200	2	012609159
2x12x250	2	012609162

1262K



PHxDxL mm		
0x3x60	5	012629003
0x3x100	5	012629006
1x4,5x80	5	012629009
1x4,5x120	5	012629012
2x6x100	5	012629018
2x6x150	5	012629021
3x8x150	3	012629024
4x10x200	3	012629027

1262NK



PHxDxL mm		
1x4,5x30	5	012629103
2x6x30	5	012629106

1262EK



PHxDxL mm		
2x6x150	3	012629153
3x8x175	3	012629156
4x10x200	3	012629159

1264K



SxDxL mm		
0,5x2,5x60	5	012649003
0,6x3x75	5	012649006
0,6x3x100	5	012649009
0,8x4x100	5	012649012
0,8x4x125	5	012649015
1x5x125	5	012649018
1x5x150	5	012649021
1,2x6,5x150	5	012649024

1267TK



T5	5	012679005
T6	5	012679006
T7	5	012679007
T8	5	012679008
T9	5	012679009
T10	5	012679010
T15	5	012679015
T20	5	012679020
T25	5	012679025
T27	5	012679027
T30	5	012679030
T40	2	012679040
T45	2	012679045

1268RTXK



	🔧	📦
T9	3	012689009
T10	3	012689010
T15	3	012689015
T20	3	012689020
T25	3	012689025
T27	3	012689027
T30	3	012689030
T40	2	012689040

1269PZK



PZ	🔧	📦
0	5	012699000
1	5	012699001
2	5	012699002
3	3	012699003
4	3	012699004

1269N/PZK



PZ	🔧	📦
1	5	012699011
2	5	012699012

1290K



SxAxL mm	🔧	📦
0,4x2,5x50	5	012909003
0,4x2,5x75	5	012909006
0,5x3x75	10	012909009
0,5x3x100	10	012909012
0,6x3,5x75	10	012909018
0,6x3,5x100	10	012909021
0,8x4x100	10	012909030
0,8x4x125	10	012909033
0,8x4x150	10	012909036
1x5,5x100	10	012909039
1x5,5x150	10	012909042
1,2x6,5x100	10	012909048
1,2x6,5x150	10	012909051
1,2x8x150	3	012909057
1,2x8x200	3	012909060
1,6x10x200	3	012909066

1290NK



SxAxL mm	🔧	📦
0,8x4x30	5	012909103
1,2x6,5x30	5	012909106

1290K/INOX



SxAxL mm	🔧	📦
0,4x2,5x50	4	012909403
0,5x3x75	4	012909409
0,8x4x100	4	012909430
1,0x5,5x150	4	012909442
1,2x6,5x150	4	012909451

1292K



PHxDxL mm	🔧	📦
0x3x60	10	012929003
0x3x100	5	012929006
1x4,5x80	10	012929009
1x4,5x120	10	012929012
2x6x100	10	012929018
2x6x150	10	012929021
3x8x150	3	012929024
4x10x200	3	012929027

1292NK



PHxDxL mm	🔧	📦
1x4,5x30	5	012929103
2x6x30	5	012929106

1292K/INOX



PHxDxL mm	🔧	📦
0x3x60	4	012929403
1x4,5x80	4	012929409
2x6x100	4	012929418

1294K



SxDxL mm	🔧	📦
0,5x2,5x60	5	012949003
0,6x3x75	5	012949006
0,8x4x100	5	012949012
1x5x125	5	012949018

1298RTXK



	🔧	📦
T9	5	012989009
T10	5	012989010
T15	5	012989015
T20	5	012989020
T25	5	012989025
T27	5	012989027
T30	5	012989030
T40	2	012989040

1299PZK



PZ	🔧	📦
0	5	012999000
1	5	012999003
2	5	012999006

1299N/PZK



PZ	🔧	📦
1	5	012999021
2	5	012999024

1472VW



L mm	🔧	📦
200	1	014720051

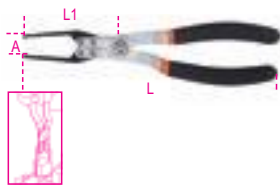
Beta
Quality Tools

1473P



A Max mm		
53	1	014730020

1497BS



L mm		
230	1	014970190

1497SS



L mm		
245	1	014970195

1497RC



1497RC		
	1	014970351

1600Q 8



1600Q 8		
	1	016000008

1600Q 10



1600Q 8		
	1	016000008

1603K



mm ² 0÷8	5 016039001

1603BK



mm ² 0÷8	2 016039010

1651DGTB



A Max mm		
150	1	016510211
200	1	016510212
300	1	016510213

1651DGTB/IP



A Max mm		
150	1	016510711

1691BM



L m		
5	1	016910205
8	1	016910208
10	1	016910210



1691MG



L m		
5	1	016910405
8	1	016910408
10	1	016910410

1692



L m		
2	5	016920052
3	5	016920053
5	5	016920055
8	5	016920058

1693



IP54



H mm		
100	1	016930020

1729CG



L mm		
310	2	017290200

1729DM 450



L mm		
450	4	017290450

1741U



200 mm

Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•



1741U 1 017410450

1741B



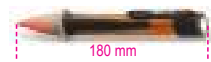
250 mm

Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•



1741B 1 017410000

1760K



180 mm

CAT III-1000V



1760K 1 017600140

1762K



Ø mm	2-2,5-3	2	017629001
	3,5-4-4,5		

1771



170 mm



1771 10 017710000

1770BM



L mm 140 10 017700050



1771BM



L mm 170 10 017710050



1771HD



L mm 190 5 017710100



1772R



L mm 125 5 017720006



1773A



L mm 180 10 017730000



1777BMT



L mm 170 5 017770050



1777T



L mm 160 5 017770030



1778MT



L mm 180 1 017780055



1783



L mm 215 5 017830021
240 5 017830024



1820



L=1,25 m
230V Shuko

1820 30 1 018200003

30W L = 210mm 1 018200006

1820 60 60W L = 220mm 1 018200008

1820 80 80W L = 260mm 1 018200008



1822



1822 120 120W LxA = 250x125 mm	1	018220012
1822 180 180W LxA = 250x125mm	1	018220018
1822 320 320W LxA = 250x140mm	1	018220032

1833S



L mm 150	1	018330002
----------------	---	-----------

1833M



L mm 162	1	018330003
----------------	---	-----------

1833L



L mm 196	1	018330004
----------------	---	-----------

1833XL



L mm 300	1	018330005
----------------	---	-----------

1833L/USB



L mm 240	1	018330054
----------------	---	-----------

1834RR



1834RR	1	018340520
--------	---	-----------

1836AW



1836AW	1	018360051
--------	---	-----------

1836B



1836B	1	018360200
-------	---	-----------



1837F



L mm 460	1	018370050
----------------	---	-----------

1837F/USB



L mm 460	1	018370060
----------------	---	-----------

1838COB



1838COB	1	018380010
---------	---	-----------

1838P



1838P	1	018380005
-------	---	-----------

1838POCKET

CE



IP65
IK07

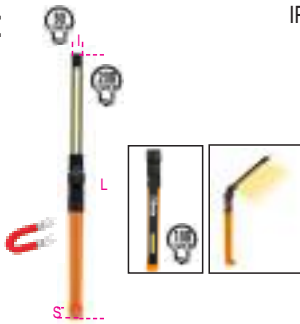


L
mm

98 1 018380080

1838SLIM

CE



IP54



L
mm

307 1 018380221

1838SW

CE



IP65
IK07



L
mm

260 1 018380142

1839BRW

CE



IP20
IK07



L
mm

101 1 018390002

1860M



L max
mm

30 1 018600301

1875SP/K3

1/4"

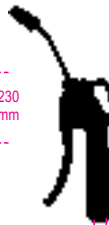


1875SP/K3

1 018750010

1949F2

110 mm
95 mm
230 mm



Ø 1/4" GAS BSP



g

125 1 019490028

6888B1/4

blister support for 1/4" sockets



6888B1/4

50 068880900

6888B3/8

blister support for 3/8" sockets



6888B3/8

50 068880910

6888B1/2

blister support for 1/2" sockets



6888B1/2

50 068880920



DISPLAY
UNITS
FOR SALES POINTS


SHOP
in Shop



BUILD your Beta corner
www.beta-tools.com/planner3d/

38/DS1

wall-mounted display
with 75 punches



495x260x332 mm

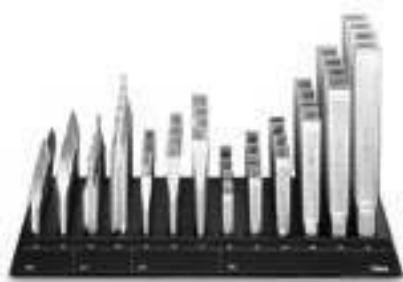
display
with assortment
38/DS1 1 000380701

	n.
30 Ø 2 - 3 - 4 - 5 - 6 mm	5
31 Ø 2 - 3 - 4 - 5 - 6 - 8 - 10 mm	5
32 Ø 3 - 4 - 5 mm	5

empty
display
38/DVS1 1 000380751

38/DS2

wall-mounted display
with 65 chisels



495x260x332 mm

display
with assortment
38/DS2 1 000380702

	n.
34 125 - 150 - 175 mm	5
35 100 - 125 - 150 - 200 - 250 - 300 mm	5
36 125 - 150 mm	5
37 150 - 200 mm	5

empty
display
38/DVS2 1 000380752

942BX/DG

wall-mounted display
with 43 hi-torque hexagon nut
spinners, short series



330x260x332 mm

display
with assortment
942BX/DG 1 009420701

	n.
○ 942BX 5 - 5,5 mm	3
6 - 7 mm	6
8 - 9 - 10 mm	5
11 mm	2
12 mm	3
13 mm	5

empty
display
942BX/DVG 1 009420751

943BX/DG

wall-mounted display
with 43 hi-torque hexagon nut
spinners, long series



330x260x332 mm

display
with assortment
943BX/DG 1 009430701

	n.
○ 943BX 5 - 5,5 mm	3
6 - 7 mm	6
8 - 9 - 10 mm	5
11 mm	2
12 mm	3
13 mm	5

empty
display
943BX/DVG 1 009430751

944BX/DG

wall-mounted display with 43 deep hi-torque
hexagon nut spinners with handles, long
series



330x260x332 mm

display
with assortment
944BX/DG 1 009440701

	n.
○ 944BX 5 - 5,5 mm	3
6 - 7 mm	6
8 - 9 - 10 mm	5
11 mm	2
12 mm	3
13 mm	5

empty
display
944BX/DVG 1 009440751

943MQ/BG

wall-mounted display
with 30 hexagon nut spinners



△ 1000 V

330x260x332 mm

display
with assortment
943MQ/BG 1 009430281

	n.
○ 943MQ 5,5 - 6 - 7 - 8 - 10 - 13 mm	5

empty
display
943BG-MQ/DV 1 009430285

1203/E1P

wall-mounted display with 82 screwdrivers



495x260x310 mm

display with assortment
1203E/E1P 1 012031301

		n.
● 1201	0,4x2,5x50 - 0,5x3x75 - 0,6x3,5x100 0,8x4x100 - 0,8x4x125 mm	7
	1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
	1,2x8x150 mm	5
⊕ 1202	PH0x3x60 mm	7
	PH1x4,5x80 - PH2x6x100 mm	6
	PH3x8x150 mm	5

empty display
1203E/EV1P 1 012031351

1203/E4P

wall-mounted display with 85 screwdrivers



495x260x310 mm

display with assortment
1203E/E4P 1 012031304

		n.
● 1201	0,4x2,5x50 - 0,5x3x75 - 0,8x4x125 mm	7
	1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
● 1204	0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	7
	1,0x5x125 mm	6
⊕ 1209PZ	PZ0x3x60 mm	7
	PZ1x4,5x80 - PZ2x6x100 mm	6

empty display
1203E/EV4P 1 012031354

1203/E5P

wall-mounted display with 82 screwdrivers



495x260x310 mm

display with assortment
1203E/E5P 1 012031305

		n.
⊕ 1202	PH0x3x60 mm	7
	PH1x4,5x80 - PH1x4,5x120	6
	PH2x6x100 - PH2x6x150 mm	6
	PH3x8x150 mm	5
● 1204	0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	7
	1,0x5x125 mm	6
⊕ 1209PZ	PZ0x3x60 mm	7
	PZ1x4,5x80 - PZ2x6x100 mm	6

empty display
1203E/EV5P 1 012031355

1203/E10P

wall-mounted display with 80 screwdrivers



495x260x310 mm

display with assortment
1203E/E10P 1 012031310

		n.
● 1207TX	T6	4
	T7	3
	T8	7
	T9 - T10 - T15 - T20 - T25	6
	T27 - T30	3
⊕ 1208RTX	T9 - T10	3
	T15 - T20 - T25	6
	T27 - T30	3

empty display
1203E/EV10P 1 012031360

1263/E78

wall-mounted display with 78 screwdrivers



495x260x310 mm

display with assortment
1263/E78 1 012630510

		n.
● 1260	2,5x75-3x75-3,5x100 mm	7
	4x100-4x125-5,5x100-5,5x150-6,5x150 mm	6
	8x150 mm	4
⊕ 1262	PH0x60 mm	7
	PH1x80-PH2x100 mm	6
	PH3x150	4

empty display
1263/EV78 1 012630511

1263/E74

wall-mounted display with 74 screwdrivers



495x260x310 mm

display with assortment
1263/E74 1 012630540

		n.
● 1264	2,5x60 mm	7
	3x75 mm	3
	3x100 - 4x100 mm	4
	4x125 - 5x150 mm	2
	5x125 - 6,5x150 mm	4
⊕ 1262	PH 8x150	3
	PH 3x60 - 3x100 mm	7
	PH 4,5x80 - 4,5x120 mm	6
	PH 6x100 mm	10
	PH 6x150 mm	5

empty display
1263/EV74 1 012630541

1263/E85

wall-mounted display
with 85 screwdrivers



495x260x377 mm

display
with assortment
1263/E85 1 012630550

	n.
● 1260 2,5x50 mm	7
2,5x75 mm	6
3x75 - 3x100 - 3,5x100 mm	7
4x100 - 4x125 - 5,5x125	6
5,5x150 - 6,5x150 mm	4
8x150 mm	4
● 1260E 10x200 mm	3
12x250 mm	2
4x30 - 6,5x30 mm	6

empty
display
1263/EV85 1 012630551

1263/E50

wall-mounted display
with 50 screwdrivers



330x260x269 mm

display
with assortment
1263/E50 1 012630570

	n.
● 1264 2,5x60 - 3x75 - 3x100 mm	7
4x100 - 4x125 - 5x125 - 5x150 mm	6
6,5x150 mm	5

empty
display
1263/EV50 1 012630571

1263/E39

wall-mounted display
with 39 screwdrivers



330x260x257 mm

display
with assortment
1263/E39 1 012630595

	n.
⊕ 1268RTX T9x60 - T10x80 - T15x80 T20x100 - T25x100 mm	6
T27x115 mm	4
T30x115 mm	3
T40x130 mm	2

empty
display
1263/EV39 1 012630596

1263/E70

wall-mounted display
with 70 screwdrivers



495x260x327 mm

display
with assortment
1263/E70 1 012630560

	n.
⊕ 1262 PH0x60 - PH0x100 mm	7
PH1x80 - PH1x120 mm	6
PH2x100 mm	9
PH2x150 - PH3x150 mm	5
PH4x200 mm	4
⊕ 1262E PH2x150 mm	5
PH3x175 mm	4
⊕ 1262N PH1x30 - PH2x30 mm	6

empty
display
1263/EV70 1 012630561

1263/E62

wall-mounted display
with 62 screwdrivers



495x260x257 mm

display
with assortment
1263/E62 1 012630590

	n.
⊕ 1267TX T5	5
T6	6
T7	5
T8	6
T9	5
T10 - T15 - T20	6
T25	5
T27 - T30	4
T40 - T45	2

empty
display
1263/EV62 1 012630591

1263/E40

wall-mounted display
with 40 screwdrivers



330x260x327 mm

display
with assortment
1263/E40 1 012630580

	n.
⊕ 1269 PZ0x60 mm	7
PZ1x80 mm	6
PZ2x100 - PZ3x150 - PZ4x200 mm	5
⊕ 1269N PZ1x30 - PZ2x30 mm	6

empty
display
1263/EV40 1 012630581

1273MQ/E1

wall-mounted display with 40 screwdrivers



△ 1000 V ⚡

330x260x332 mm

display with assortment
1273MQ/E1 1 012730312

	n.	
➕ 1272MQ	PH0x60 - PH1x80 mm	5
	PH2x100 mm	3
	PH3x150 mm	2
● 1274MQ	3x100 - 4x100 - 5,5x125 - 6,5x150 mm	5
	8x175 mm	3
	10x200 mm	2

empty display
1273BG-MQ/DV 1 012730651

1273MQ/E4

wall-mounted display with 43 screwdrivers



△ 1000 V ⚡

330x260x332 mm

display with assortment
1273MQ/E4 1 012730651

➕ 1272MQF	4,5x80 - 6x100 mm	3
● 1274MQF	3,5x100 - 4,5x100 - 5,5x125 - 6,5x150 mm	3
⊖ 1275MQ/C	4,5x80 - 6x100 mm	5
⊕ 1276MQ/C	4,5x80 - 6x100 mm	5
➕ 1279MQ/F	4,5x80 mm	3
	6x100 mm	2

empty display
1273BG-MQ/DV4 1 012730655

1293BX/DA

wall-mounted display with 90 screwdrivers



495x260x332 mm

display with assortment
1293BX/DA 1 012930701

	n.	
● 1290	3x75 - 3,5x100 - 4x100 - 4x125 5,5x100 - 5,5x150 mm	7
	6,5x150 mm	6
	8x150 mm	3
	10x200 mm	2
● 1290N	4x30 - 6,5x30 mm	3
➕ 1292	PH0x60 - PH1x80 mm	7
	PH2x100 mm	6
	PH3x150 mm	5
➕ 1292N	PH1x30 - PH2x30 mm	3

empty display
1293BX/DVA 1 012930751

1293BX/DD

wall-mounted display with 48 screwdrivers



330x260x332 mm

display with assortment
1293BX/DD 1 012930704

	n.	
● 1294	2,5x60 - 3x75 - 3x100 - 4x100 4x150 - 5x125 mm	7
	6,5x150 mm	6

empty display
1293BX/DVD 1 012930754

1293BX/DE

wall-mounted display with 42 screwdrivers



330x260x332 mm

display with assortment
1293BX/DE 1 012930705

	n.	
➕ 1299PZ	PZ0x60 - PZ1x80 mm	7
	PZ2x100 mm	6
	PZ3x150 - PZ4x200 mm	5
➕ 1299N/PZ	PZ1x30 - PZ2x30 mm	6

empty display
1293BX/DVE 1 012930755

1293BX/DF

wall-mounted display with 59 screwdrivers



330x260x332 mm

display with assortment
1293BX/DF 1 012930706

	n.	
⊖ 1297TX	T6 - T8 - T10 - T15 - T20 - T25 T27 - T30	7
	T40	6
		5

empty display
1293BX/DVF 1 012930756

C68

Beta wall display, empty



1000x560x2200 mm

C68/1	1 m	1	068000001
C68/2	2 m	1	068000002
C68/3	3 m	1	068000003
C68/4	4 m	1	068000004
C68/5	5 m	1	068000005
C68/6	6 m	1	068000006
C68/7	7 m	1	068000007
C68/8	8 m	1	068000008
C68/9	9 m	1	068000009
C68/10	10 m	1	068000010

C68N

Beta wall display, empty



1000x560x2200 mm

C68N/1	1 m	1	068000031
C68N/2	2 m	1	068000032
C68N/3	3 m	1	068000033
C68N/4	4 m	1	068000034
C68N/5	5 m	1	068000035
C68N/6	6 m	1	068000036
C68N/7	7 m	1	068000037
C68N/8	8 m	1	068000038
C68N/9	9 m	1	068000039
C68N/10	10 m	1	068000040

C68 G

"gondola" display



1000x1120x1600 mm

C68G/1	1 m	1	068000051
C68G/2	2 m	1	068000052
C68G/3	3 m	1	068000053
C68G/4	4 m	1	068000054

C88 R/1

Robur wall display, empty



1000x560x2200 mm

C88R/1	1 m	1	088000001
--------	-----	---	-----------

C88NR/1

Robur wall display, empty



1000x560x2200 mm

C88NR/1	1 m	1	088000031
---------	-----	---	-----------

C88VE

display tray for display walls C88

suitable for housing coils of chains item 8120



C88VE		1	088000120
-------	--	---	-----------

C88SE

display tray for Genovese chain reels



C88SE		1	088000130
-------	--	---	-----------

1700x600x600 mm



6888

hooks for displays C60 - C61 - C68 - C88



6888S1	10	068880011
6888S2	10	068880012
6888D1	5	068880021
6888D2	5	068880022
6888D4	5	068880024
6888D5	5	068880025
6888T1	5	068880031
6888T2	5	068880032
6888CT	1	068880044
6888B	1	068880100
6888GA	3	068880120
6888S-1/4	1	068880605
6888S-3/8	1	068880610

6800 VE

showcase for wall displays C68 and C68 R/1



6800VE/1	1 m	1	068000401
6800VE/2	2 m	1	068000402
6800VE/3	3 m	1	068000403
6800VE/4	4 m	1	068000404
6800VE/5	5 m	1	068000405

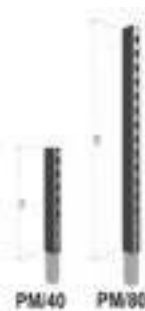
ACCESSORIES



6800AE	1	068000145
6800AI	1	068000140
6800AD/P	1	068000143



6800CB/100	1	068000104
6800FB/100	1	068000109
6800FO/100	1	068000108
6800PL	1	068000137
6800RP/100	1	068000150
6800GR/37	1	068000159



6800PM/40	1	068000171
6800PM/80	1	068000172

6600 M/14

assortment of 154 tools, with hooks without panel



6600 M/14	1	066000014
-----------	---	-----------

6600 M/22

assortment of 108 tools, with hooks without panel



6600 M/22	1	066000022
-----------	---	-----------

6600 M/27

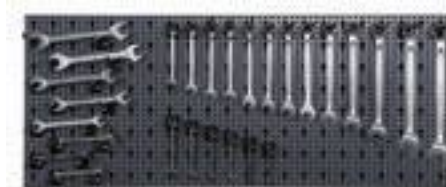
assortment of 25 tools, with hooks without panel



6600 M/27	1	066000027
-----------	---	-----------

6600 M/29

assortment of 173 tools, with hooks without panel



6600 M/29	1	066000029
-----------	---	-----------

6600 M/33

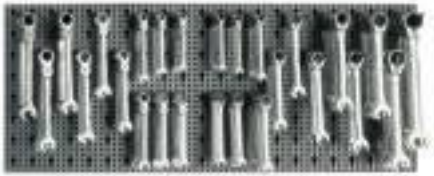
assortment of 37 tools, with hooks without panel





6600 M/33	1	066000033
-----------	---	-----------

6600 M/40

assortment of 100 tools,
with hooks without panel





6600 M/40   1 066000040

6600 M/42

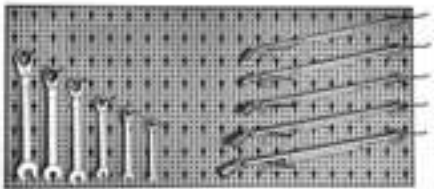
assortment of 65 tools,
with hooks without panel





6600 M/42   1 066000042

6600 M/44

assortment of 48 tools,
with hooks without panel




6600 M/44   1 066000044

6600 M/47

assortment of 65 tools,
with hooks without panel





6600 M/47   1 066000047

6600 M/51

assortment of 257 tools
with hooks without panel





6600 M/51   1 066000051

6600 M/52

assortment of 176 tools
with hooks without panel





6600 M/52   1 066000052

6600 M/58

assortment of 150 tools
with hooks without panel



6600 M/58   1 066000058

6600 M/59

assortment of 220 tools,
with hooks without panel





6600 M/59   1 066000059

6600 M/61

assortment of 71 tools,
with hooks without panel





6600 M/61   1 066000061

6600 M/62

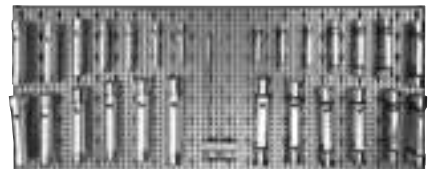
assortment of 28 tools,
with hooks without panel





6600 M/62   1 066000062

6600 M/63

assortment of 110 tools
with hooks without panel




6600 M/63   1 066000063

6600 M/73

assortment of 68 tools
with hooks without panel



6600 M/73   1 066000073

6600 M/112

assortment of 329 tools,
with hooks without panel



6600 M/112



1 066000112

6600 M/116

assortment of 306 tools,
with hooks without panel



6600 M/116



1 066000116

6600 M/120

assortment of 163 tools,
with hooks without panel



6600 M/120



1 066000120

6600 M/125

assortment of 133 tools,
with hooks without panel



6600 M/125



1 066000125

6600 M/126

assortment of 58 tools,
with hooks without panel



6600 M/126



1 066000126

6600 M/131

assortment of 92 tools,
with hooks without panel



6600 M/131



1 066000131

6600 M/174

assortment of 13 tools, with hooks without
panel



6600 M/174



1 066000174

6600 M/175

assortment of 12 tools,
with hooks without panel



6600 M/175



1 066000175

6600 M/217

assortment of 74 tools,
with hooks without panel



6600 M/217



1 066000217

6600 M/218

assortment of 58 tools,
with hooks without panel



6600 M/218



1 066000218

6600 M/222

assortment of 74 tools,
with hooks without panel



6600 M/222



1 066000222

6600 M/223

assortment of 58 tools,
with hooks without panel



6600 M/223



1 066000223

6600 M/230

assortment of 78 tools,
with hooks without panel





6600 M/230   1 066000230

6600 M/236

assortment of 31 tools,
with hooks without panel





6600 M/236   1 066000236

6600 M/241

assortment of 43 tools,
with hooks without panel



6600 M/241   1 066000241

6600 M/242

assortment of 91 tools,
with hooks without panel



6600 M/242   1 066000242

6600 M/253

assortment of 60 tools,
with hooks without panel





6600 M/253   1 066000253

6600 M/311

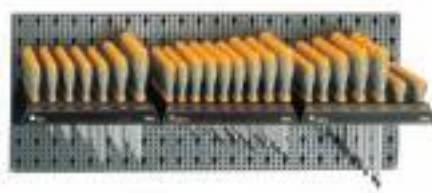
assortment of 114 tools,
with hooks without panel





6600 M/311   1 066000311

6600 M/315

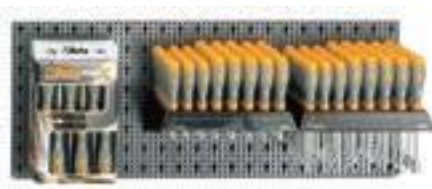
assortment of 149 tools,
with hooks without panel




6600 M/315   1 066000315

6600 M/320

assortment of 98 tools,
with hooks without panel





6600 M/320   1 066000320

6600 M/326

assortment of 155 tools,
with hooks without panel





6600 M/326   1 066000326

6600 M/327

assortment of 101 tools,
with hooks without panel





6600 M/327   1 066000327

6600 M/330

assortment of 110 tools,
with hooks without panel





6600 M/330   1 066000330

6600 M/371

assortment of 162 tools,
with hooks without panel



6600 M/371   1 066000371

6600 M/380

assortment of 71 tools,
with hooks without panel



6600 M/380



6600 M/424

assortment of 36 tools, with hooks without panel



6600 M/424



6600 M/456

assortment of 41 tools,
with hooks without panel



6600 M/456



6600 M/406

assortment of 107 tools,
with hooks without panel



6600 M/406



6600 M/427

assortment of 24 tools,
with hooks without panel



6600 M/427



6600 M/465

assortment of 36 tools, with hooks without panel



6600 M/465



6600 M/417

assortment of 43 tools,
with hooks without panel



6600 M/417



6600 M/430

assortment of 29 tools,
with hooks without panel



6600 M/430



6600 M/480

assortment of 18 tools,
with hooks without panel



6600 M/480



6600 M/423

assortment of 30 tools, with hooks without panel



6600 M/423



6600 M/440

assortment of 140 tools,
with hooks without panel

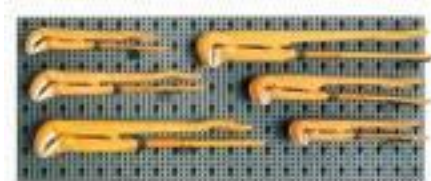


6600 M/440



6600 M/485

assortment of 12 tools,
with hooks without panel





6600 M/485



6600 M/510

assortment of 16 tools,
with hooks without panel





6600 M/510   1 066000510

6600 M/532

assortment of 24 tools
with hooks without panel





6600 M/532   1 066000532

6600 M/534

assortment of 51 tools,
with hooks without panel





6600 M/534   1 066000534

6600 M/542

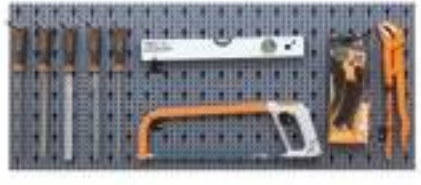
assortment of 53 tools,
with hooks without panel




6600 M/542   1 066000542

6600 M/548

assortment of 37 tools,
with hooks without panel





6600 M/548   1 066000548

6600 M/561

assortment of 60 tools,
with hooks without panel





6600 M/561   1 066000561

6600 M/583

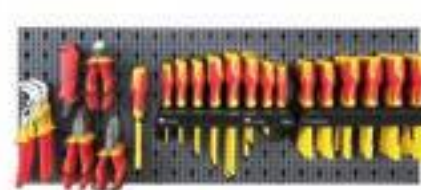
assortment of 22 tools
with hooks without panel




6600 M/583   1 066000583

6600 M/643

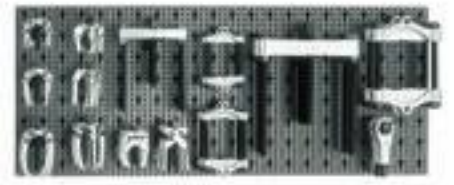
assortment of 90 tools,
with hooks without panel




6600 M/643   1 066000643

6600 M/650

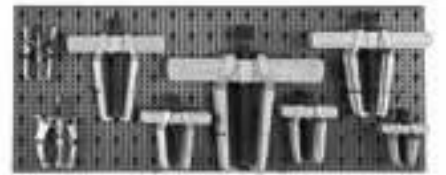
assortment of 28 tools,
with hooks without panel





6600 M/650   1 066000650

6600 M/657

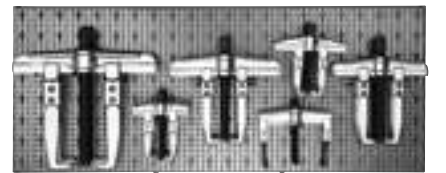
assortment of 17 tools,
with hooks without panel



6600 M/657   1 066000657

6600 M/658

assortment of 14 tools
with hooks without panel



6600 M/658   1 066000658



6600 M/716

assortment of 64 tools,
with hooks without panel



6600 M/716



1 066000716

6600 M/813

assortment of 25 tools, with hooks without
panel



6600 M/813



1 066000813

6600 M/842

assortment of 36 tools, with hooks without
panel



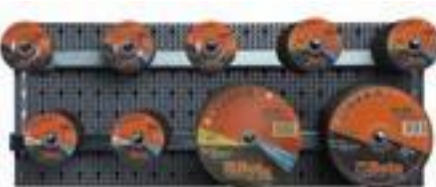
6600 M/842



1 066000842

6600 M/852

assortment of 560 hard abrasive discs,
with hooks without panel



6600 M/852



1 066000852

6600 M/856

assortment of 560 hard abrasive discs,
with hooks without panel



6600 M/856



1 066000856

6600 M/857

assortment of 560 hard abrasive discs,
with hooks without panel



6600 M/857



1 066000857

6600 M/871

assortment of 120 abrasives
with hooks without panel



6600 M/871



1 066000871



6600 M/878

assortment of 100 abrasives
with hooks without panel



6600 M/878



1 066000878

6600 M/881

assortment of 410 abrasives
with display tray



6600 M/881



1 066000881

Robur

8600 R/11

assortment of 374 wire rope accessories, with
hooks without panel



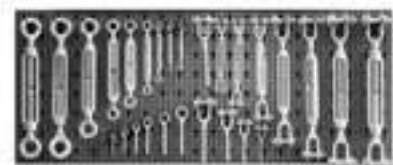
8600 R/11



1 086000011

8600 R/12

assortment of 259 wire rope accessories,
with hooks without panel



8600 R/12



1 086000012

8600 R/13

assortment of 230 wire rope accessories,
with hooks without panel



8600 R/13

1 086000013

8600 R/113

assortment of 1862 wire rope accessories,
with hooks without panel



8600 R/113

1 086000113

8600 R/114

assortment of 1045 wire rope accessories,
with hooks without panel



8600 R/114

1 086000114

8600 R/225

assortment of 64 GRADE 8 accessories,
with hooks without panel



8600 R/225

1 086000225

8600 R/412

assortment of 348 STAINLESS STEEL wire
rope accessories,
with hooks without panel

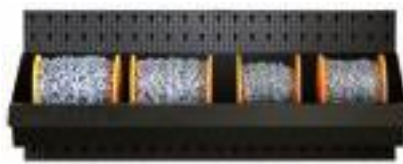


8600 R/412

1 086000412

8600 R/511

assortment of 11 Genovese chain reels,
with display tray



8600 R/511

1 086000511

8600 R/601

assortment of 50 tie down ratchets
with grids, shelf and hooks,
without panel



8600 R/601
C88/R601

1 086000601
1 088000160

8600 R/611

assortment of 52 webslings
with grids, without panel



8600 R/611
C88/R611

1 086000611
1 088000161

Beta



SAFETY FOOTWEAR

WARNINGS

Before use make, sure that the footwear meets your use requirements and has a proper protection class, according to type and workplace. The footwear manufactured by Beta Utensili complies with current EUROPEAN STANDARDS. The employer shall ensure that suitable personal protective equipment is provided to the employees who may be exposed to a risk (characteristics and category of PPE).

OBsolescence

Because of the numerous factors involved (humidity during storage and structural changes in materials in time), the exact storage life of the shoe cannot be determined. Generally speaking, footwear made entirely of polyurethane or with polyurethane outsoles has an expected maximum life of three years from the manufacturing date. Footwear made entirely of PVC has an expected life of five years from the manufacturing date; whereas footwear with leather uppers and footwear made from rubber, thermoplastic material and EVA has an expected maximum life of ten years from the manufacturing date. Such periods apply to new footwear, packed and stored under controlled conditions – that is, avoiding abrupt changes in temperature and relative humidity.

EUROPEAN STANDARDS AND MEANINGS EN ISO 20345:2011 - EN ISO 20347:2012

COMPLIANCE WITH EN ISO 20345:2011

This standard specifies basic and additional (optional) requirements for Safety Footwear for general purpose. Footwear according to EN ISO 20345:2011 is marked “S” (= Safety), with toe caps resistant to an impact of 200 Joules.

COMPLIANCE WITH EN ISO 20347:2012

This standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression). Footwear according to EN ISO 20347:2012 is marked “O” (= Occupational). It shares quite the same characteristics as the above footwear, although neither toe caps nor penetration-proof insoles are required.

As well as the basic requirements under EN ISO 20345:2011, footwear may also meet some additional requirements, which must be identified with symbols or classes and stated on the label applied to the tongue of the footwear.

EUROPEAN STANDARDS AND MEANINGS EN ISO 20345:2022 - EN ISO 20347:2022

COMPLIANCE WITH EN ISO 20345:2022

This standard specifies basic and additional (optional) requirements for Safety Footwear for general purpose. Footwear according to EN ISO 20345:2022 is marked “S” (= Safety), with toe caps resistant to an impact of 200 Joules.

COMPLIANCE WITH EN ISO 20347:2022

This standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression). Footwear according to EN ISO 20347:2022 is marked “O” (= Occupational). It shares quite the same characteristics as the above footwear, although neither toe caps nor penetration-proof insoles are required.

As well as the basic requirements under EN ISO 20345:2022, footwear may also meet some additional requirements, which must be identified with symbols or classes and stated on the label applied to the tongue of the footwear.

Information for footwear with perforation resistant inserts

The perforation resistance of this shoe was tested in the lab, by using standardised nails and force. Nails smaller in diameter and higher static or dynamic loads are associated with a higher risk of perforation. Under such circumstances, additional preventive measures must be considered. PPE footwear is currently available with three different types of perforation resistant inserts. These may be either metallic or non-metallic inserts and must be chosen on the basis of the risks associated with the type of work. All of the three types of inserts provide protection against the risk of perforation; nevertheless, each has different advantages or disadvantages, including the following:

- **Metallic perforation resistant insert:** perforation resistance is less affected by the shape of the sharp object (e.g. diameter, geometry, pointed shape), but it does not cover the whole surface of the lower part of the shoe, due to limitations in the dimensions required for the production of footwear.
- **Non-metallic perforation resistant insert :** it is light, flexible and provides a large coverage area compared to a metallic one, but perforation resistance may vary to a larger extent, depending on the shape of the sharp object (e.g. diameter, geometry, pointed shape). Type PS provides greater protection against objects smaller in diameter than type PL.

BASIC REQUIREMENTS + ADDITIONAL REQUIREMENTS FOR FOOTWEAR

FOOTWEAR CLASSIFICATION

- **Class I:** Footwear made from leather and other materials, excluding all-rubber and all-polymeric footwear.
- **Class II footwear:** All-rubber footwear (i.e. entirely vulcanised) or all-polymeric (i.e. entirely moulded).

BASIC REQUIREMENTS

- **Whole footwear:** height of upper; heel area; constructional performance of outsole (construction and upper/outsole bond strength); toe protection and toe cap properties (except for footwear under EN ISO 20347), slip resistance.
- **Upper:** properties of materials of upper, lining, tongue, insole/insock (tear strength, abrasion resistance, tensile properties, water vapour permeability, pH, insole/footbed absorption and deabsorption).
- **Outsole:** construction and tear strength, abrasion resistance, flexing resistance, resistance to hydrolysis, interlayer bond strength and resistance to hydrocarbon oils

PROTECTION CLASS		EN ISO 20345:2011				EN ISO 20347:2012				EN ISO 20345:2011		EN ISO 20347:2012		MINIMUM REQUIRED VALUES
		SB	S1	S2	S3	OB	O1	O2	O3	S4	S5	O4	O5	
	Closed seat region	0	X	X	X	0	X	X	X	X	X	X	X	
	Toe cap resistant to an impact of 200 Joules	X	X	X	X	-	-	-	-	X	X	-	-	
A	Antistatic footwear	0	X	X	X	0	X	X	X	X	X	X	X	Electrical resistance >100 kΩ, ≤1000 MΩ
E	Energy absorption of seat region	0	X	X	X	0	X	X	X	X	X	X	X	> 20 Joules
WRU	Water penetration and resistance of upper	0	-	X	X	0	-	X	X	-	-	-	-	Penetration: <0.2 g x 60 min Absorption: < 30% x 60 min.
P	Penetration resistance of outsole	0	0	-	X	0	0	-	X	0	X	0	X	> 1100 N
CI	Cold insulation	0	0	0	0	0	0	0	0	0	0	0	0	Temp. decrease of inner surface of sole: < 10° C
HI	Heat insulation	0	0	0	0	0	0	0	0	0	0	0	0	Temp. increase of inner surface of sole: < 22° C
HRO	Heat resistance of outsole	0	0	0	0	0	0	0	0	0	0	0	0	Resistant up to 300°
WR	Water resistance	0	0	0	0	0	0	0	0	-	-	-	-	Absorption: < 3 cm ²
FO	Resistance to hydrocarbons	0	X	X	X	0	0	0	0	X	X	0	0	Volume increase of sole sample < 12 %
SRC	Slip resistance of outsole	X	X	X	X	X	X	X	X					SRA + SRB requirement

X	Mandatory requirement for protection class
O	Optional requirement added to mandatory ones, if marked on marking
-	Not mandatory requirement, check footwear stamping

Antistatic footwear:

Antistatic footwear must be used when there is the need to minimize the accumulation of electrostatic charges, so as to rule out the danger of combustion of flammable substances and vapours and in case the risk of electric shocks from live parts should persist. Antistatic footwear does not provide protection against electric shock, as it only creates an electrical resistance between the floor and the foot. If the danger of electric shock cannot be completely ruled out, additional precautions must be taken as part of a periodic plan for accident prevention in the workplace. For antistatic requirements to be met, the footwear must not be modified.

Insulating footwear:

Insulating footwear provide electrical protection against accidental contacts with voltages up to 1000 V, provided that usage conditions are such as not to modify or alter electrical resistance under the influence of humidity. It should be pointed out that electrical resistance only refers to the bottom, and not to the upper, of the footwear.

Electrical classes for footwear:
Class 00 500V CA or 750V CC
Class 0 1000V CA or 1500V CC

Dissipative footwear for EPA environments:

Dissipative footwear, which is specially designed for EPA (ESDS) environments, allows electrostatic charges to be dissipated from the wearer's body in a continuous and controlled way, so as to protect electronic components and devices from electrostatic phenomena. The reference value of ground resistance according to CEI EN 61340-5-1: 2016, for wearer/footwear/floor, is <1 × 10⁹ Ω.

BASIC REQUIREMENTS + ADDITIONAL REQUIREMENTS FOR FOOTWEAR

FOOTWEAR CLASSIFICATION

- **Class I:** Footwear made from leather and other materials, excluding all-rubber and all-polymeric footwear.
- **Class II footwear:** All-rubber footwear (i.e. entirely vulcanised) or all-polymeric (i.e. entirely moulded).

BASIC REQUIREMENTS

- **Whole footwear:** height of upper; heel area; constructional performance of outsole (construction and upper/outsole bond strength); toe protection and toe cap properties (except for footwear under EN ISO 20347), slip resistance.
- **Upper:** properties of materials of upper, lining, tongue, insole/insock (tear strength, abrasion resistance, tensile properties, water vapour permeability, pH, insole/footbed absorption and deabsorption).
- **Outsole:** construction and tear strength, abrasion resistance, flexing resistance, resistance to hydrolysis, interlayer bond strength and resistance to hydrocarbon oils

PROTECTION CLASS		EN ISO 20345:2022										EN ISO 20347:2022						MINIMUM REQUIRED VALUES
		SB	S1	S2	S3	S3L	S3S	S6	S7	S7L	S7S	OB	O1	O2	O3	O3L	O3S	
	Class	I o II	I	I	I	I	I	I	I	I	I	I o II	I	I	I	I	I	
	Closed seat region	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	
	Toe cap resistant to an impact of 200 Joules	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	
	Cleated outsole	0	0	0	X	X	X	0	X	X	X	0	0	0	X	X	X	
P	Perforation resistance (metallic insert P) *	0	0	0	X	-	-	0	X	-	-	0	0	0	X	-	-	Perforation force ≥ 1100N
PL	Perforation resistance (non-metallic insert, test with nail, Ø 4.5 mm)	0	0	0	-	X	-	0	-	X	-	0	0	0	-	X	-	
PS	Perforation resistance (non-metallic insert, test with nail, Ø 3.0 mm)	0	0	0	-	-	X	0	-	-	X	0	0	0	-	-	X	
A	Antistatic footwear	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	Electrical resistance > 100 kΩ ≤ 1000 kΩ
HI	Heat insulation of insole complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Temperature increase ≤ 22 °C when placed on a plate at a temperature of 150 °C for 30'
CI	Cold insulation of insole complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Temperature decrease ≤ 10 °C in an environment at -17 °C for 30'
E	Energy absorption in heel area	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	> 20 Joules
WR	Water resistance	0	0	0	0	0	0	X	X	X	X	0	0	0	0	0	0	No water penetration
SC	Abrasion resistance of scuff cap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	No hole throughout thickness after 8,000 cycles
SR	Slip resistance on ceramic floor with glycerin	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Test on ceramic floor with glycerin.
WPA	Water penetration and absorption	0	0	X	X	X	X	-	-	-	-	0	0	X	X	X	X	H2O absorption after 60' ≤ 30%
HRO	Resistance to hot contact	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Contact at 300 °C for 60" - Does not melt
FO	Resistance to hydrocarbons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Volume increase of sole sample < 12 %
LG	Ladder grip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Width of central outsole area > 35 mm

X	Mandatory requirement for protection class
O	Optional requirement added to mandatory ones, if marked on marking
-	Not mandatory requirement, check footwear stamping

Partially conductive footwear

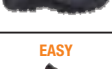


Partially conductive footwear should be used if it is necessary to minimize electrostatic charges in the shortest possible time, e.g. when handling explosives.

Electrically conductive footwear should not be used if the risk of shock from any electrical apparatus or live parts with alternating or direct voltage has not been completely eliminated. In order to ensure that this footwear is partially conductive, it has been specified to have an upper limit of resistance of 100 kΩ in its new state


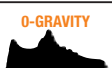
Antistatic footwear

Antistatic footwear must be used when there is the need to minimize the accumulation of electrostatic charges, so as to rule out the danger of combustion of flammable substances and vapours and in case the risk of electric shocks from live parts should persist. Antistatic footwear does not provide protection against electric shock, as it only creates an electrical resistance between the floor and the foot. If the danger of electric shock cannot be completely ruled out, additional precautions must be taken as part of a periodic plan for accident prevention in the workplace. For antistatic requirements to be met, the footwear must not be modified.

NB The certificates of the footwear certified in accordance with old standards will be effective until the expiration thereof.

EN ISO 20345:2011		S1P SRC									
LINE	ITEM	REQUIREMENTS			RECOMMENDED SECTORS						📄
		ADDITIONAL REQUIREMENTS		METAL FREE 	AUTOMOTIVE	BUILDING	ELECTRICITY	INDUSTRY	SERVICE LOGISTICS	EATING & PLUMBING	
BASIC PLUS 	7210BKK			X	X	X	X	X	X	X	596
	7216BKK			X	X	X	X	X	X	X	597
FLEX 	7212G	ESD		X	X	X	X	X	X	X	593
	7212B	ESD									593
	7213G	ESD		X	X	X	X	X	X	X	593
FLEX LADY 	7212LG			X	X	X	X	X	X	X	593
EASY PLUS 	7222PEK			X	X	X	X	X	X	X	591
	7223PEK			X	X	X	X	X	X	X	592
	7224PEK			X	X	X	X	X	X	X	592
	7225PEK			X	X	X	X	X	X	X	592
BASIC 	7241BK				X	X	X	X	X	X	588
	7243BK				X	X	X	X	X	X	588
	7246BK				X	X	X	X	X	X	590
	7247BK				X	X	X	X	X	X	590
EASY 	7246E				X	X	X	X	X	X	587
TREKKING 	7248GK				X	X	X	X	X	X	598
	7249GK	RS			X	X	X	X	X	X	598
ACTIVE 	7314AF			X	X	X	X	X	X	X	599
	7316NB	ESD		X	X	X	X	X	X	X	600
	7316NG	ESD		X	X	X	X	X	X	X	600
	7317NA			X	X	X	X	X	X	X	600
SNEAKERS PRO 	7340B				X	X	X	X	X	X	607
0-GRAVITY 	7352A	HRO		X	X	X	X	X	X	X	602
	7352B	HRO		X	X	X	X	X	X	X	602
	7352G	HRO ESD	X	X	X	X	X	X	X	X	602
	7353Y	HRO		X	X	X	X	X	X	X	603
	7372B	HRO	X	X	X	X	X	X	X	X	606
	7376A	HRO	X	X	X	X	X	X	X	X	606
0-GRAVITY LADY 	7352LG	HRO		X	X	X	X	X	X	X	603

EN ISO 20347:2012		O1 SRC									
0-GRAVITY 	7362B	FO HRO		X	X	X	X				605

EN ISO 20347:2012		O2 SRC									
BASIC 	7243FT	FO			X	X				X	589
0-GRAVITY 	7363N	FO HRO		X	X	X	X				605

EN ISO 20345:2011		S3 SRC										
LINE	ITEM	REQUIREMENTS			RECOMMENDED SECTORS						📄	
		ADDITIONAL REQUIREMENTS		METAL FREE 	AGRICULTURE	AUTOMOTIVE	BUILDING	INDUSTRY	ELECTRICITY	SERVICE LOGISTICS		OIL & GAS
BASIC PLUS 	7200BKK			X	X	X	X	X	X	X	X	596
	7201BKK			X	X	X	X	X	X	X	X	596
	7310CRK	RS HRO			X	X	X	X		X	X	597
FLEX 	7214FN			X	X	X	X	X	X	X	X	594
	7214G	ESD		X	X	X	X	X	X	X	X	594
	7215FN			X	X	X	X	X	X	X	X	595
	7218FN	RS		X	X	X	X	X	X	X	X	595
	7218G	RS ESD		X	X	X	X	X	X	X	X	595
FLEX LADY 	7214LN			X	X	X	X	X	X	X	X	594
EASY PLUS 	7220PEK			X	X	X	X	X	X	X	X	591
	7221PEK	RS		X	X	X	X	X	X	X	X	591
TREKKING 	7235BK				X	X	X	X	X	X	X	597
	7236BK	RS			X	X	X	X	X	X	X	598
	7238WR	RS HRO WR			X	X	X	X	X	X	X	598
EASY 	7239B				X	X	X	X	X	X	X	598
	7241EN				X	X	X	X	X	X	X	587
EASY 	7243EN	RS			X	X	X	X	X	X	X	587
	7241CK				X	X	X	X	X	X	X	588
BASIC 	7243CK	RS			X	X	X	X	X	X	X	589
	7243CR	RS HRO			X	X	X	X	X	X	X	589
	7245BK	RS			X	X	X	X	X	X	X	589
	7293HM	HRO HI	X		X	X	X	X	X	X	X	608
HEAVY DUTY 	7293HN	HRO HI	X		X	X	X	X	X	X	X	608
	7294HM	HRO HI	X		X	X	X	X	X	X	X	609
	7294HMC	HRO HI CI WR	X		X	X	X	X	X	X	X	609
	7294HN	RS HRO HI	X		X	X	X	X	X	X	X	609
	7315AN				X	X	X	X	X	X	X	599
ACTIVE 	7318AN				X	X	X	X	X	X	X	600
	7320NA				X	X	X	X	X	X	X	601
	7321NA	RS			X	X	X	X	X	X	X	601
	7322SA				X	X	X	X	X	X	X	601
	7323SA	RS			X	X	X	X	X	X	X	601
	7341N				X	X	X	X	X	X	X	607
SNEAKERS PRO 	7349RP	HRO			X	X	X	X	X	X	X	607
	7350RP	HRO			X	X	X	X	X	X	X	608
	7354N	HRO			X	X	X	X	X	X	X	603
0-GRAVITY 	7355V	HRO			X	X	X	X	X	X	X	603
	7356G	HRO			X	X	X	X	X	X	X	604
	7357G	HRO			X	X	X	X	X	X	X	604
	7356V	HRO			X	X	X	X	X	X	X	604
	7357V	HRO			X	X	X	X	X	X	X	605
0-GRAVITY LADY 	7356LN	HRO			X	X	X	X	X	X	X	604
0-GRAVITY 	7381N	HRO WR	X	X	X	X	X	X	X	X	X	606
	7382N	HRO WR	X	X	X	X	X	X	X	X	X	606

EN ISO 20345:2011		S5 SRC										
BASIC 	7328A				X	X	X	X	X	X	X	590
	7328N				X	X	X	X	X	X	X	590

EASY



7241EN

leather shoe, water-repellent

- Steel toe cap
- Elastic steel penetration proof insole

**EN ISO
20345
2011**



EU	UK	mm	
35	2,5	230	1 072410835
36	3,5	237	1 072410836
37	4,5	244	1 072410837
38	5	250	1 072410838
39	6	257	1 072410839
40	6,5	264	1 072410840
41	7	270	1 072410841
42	8	277	1 072410842
43	9	284	1 072410843
44	10	290	1 072410844
45	10,5	297	1 072410845
46	11	304	1 072410846
47	12	310	1 072410847
48	13	317	1 072410848



CE

S3 SRC

7243EN

leather ankle shoe, water-repellent,
with quick opening system

- Steel toe cap
- Elastic steel penetration proof insole

**EN ISO
20345
2011**



EU	UK	mm	
35	2,5	230	1 072430835
36	3,5	237	1 072430836
37	4,5	244	1 072430837
38	5	250	1 072430838
39	6	257	1 072430839
40	6,5	264	1 072430840
41	7	270	1 072430841
42	8	277	1 072430842
43	9	284	1 072430843
44	10	290	1 072430844
45	10,5	297	1 072430845
46	11	304	1 072430846
47	12	310	1 072430847
48	13	317	1 072430848



CE

S3 RS SRC

7246E

suede shoe, perforated

- Steel toe cap
- Elastic steel penetration proof insole

**EN ISO
20345
2011**



EU	UK	mm	
35	2,5	230	1 072460435
36	3,5	237	1 072460436
37	4,5	244	1 072460437
38	5	250	1 072460438
39	6	257	1 072460439
40	6,5	264	1 072460440
41	7	270	1 072460441
42	8	277	1 072460442
43	9	284	1 072460443
44	10	290	1 072460444
45	10,5	297	1 072460445
46	11	304	1 072460446
47	12	310	1 072460447
48	13	317	1 072460448



CE

S1P SRC

BASIC



7241BK

leather shoe

- Steel toe cap
- Composite fibre penetration proof insole

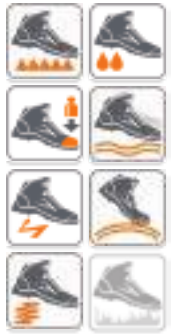
EU	UK	mm		
35	2,5	228	1	072411235
36	3,5	235	1	072411236
37	4,5	242	1	072411237
38	5	248	1	072411238
39	6	255	1	072411239
40	6,5	262	1	072411240
41	7	268	1	072411241
42	8	275	1	072411242
43	9	282	1	072411243
44	10	288	1	072411244
45	10,5	295	1	072411245
46	11	302	1	072411246
47	12	308	1	072411247
48	13	315	1	072411248



CE

S1P SRC

**EN ISO
20345
2011**



7241CK

leather shoe, water-repellent

- Steel toe cap
- Composite fibre penetration proof insole

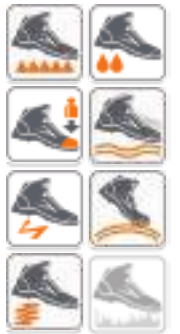
EU	UK	mm		
35	2,5	228	1	072411535
36	3,5	235	1	072411536
37	4,5	242	1	072411537
38	5	248	1	072411538
39	6	255	1	072411539
40	6,5	262	1	072411540
41	7	268	1	072411541
42	8	275	1	072411542
43	9	282	1	072411543
44	10	288	1	072411544
45	10,5	295	1	072411545
46	11	302	1	072411546
47	12	308	1	072411547
48	13	315	1	072411548



CE

S3 SRC

**EN ISO
20345
2011**



7243BK

leather ankle shoe

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	072431235
36	3,5	235	1	072431236
37	4,5	242	1	072431237
38	5	248	1	072431238
39	6	255	1	072431239
40	6,5	262	1	072431240
41	7	268	1	072431241
42	8	275	1	072431242
43	9	282	1	072431243
44	10	288	1	072431244
45	10,5	295	1	072431245
46	11	302	1	072431246
47	12	308	1	072431247
48	13	315	1	072431248



CE

S1P SRC

**EN ISO
20345
2011**



7243CK

leather ankle shoe, water-repellent, with quick opening system

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm	
35	2,5	228	1 072431335
36	3,5	235	1 072431336
37	4,5	242	1 072431337
38	5	248	1 072431338
39	6	255	1 072431339
40	6,5	262	1 072431340
41	7	268	1 072431341
42	8	275	1 072431342
43	9	282	1 072431343
44	10	288	1 072431344
45	10,5	295	1 072431345
46	11	302	1 072431346
47	12	308	1 072431347
48	13	315	1 072431348

CE



S3 RS SRC

EN ISO 20345 2011



7243CR

leather ankle shoe, waterproof, with durable rubber outsole and quick opening system

- Steel toe cap
- Elastic steel penetration-proof insole

EU	UK	mm	
35	2,5	231	1 072430735
36	3,5	238	1 072430736
37	4,5	245	1 072430737
38	5	251	1 072430738
39	6	258	1 072430739
40	6,5	265	1 072430740
41	7	271	1 072430741
42	8	278	1 072430742
43	9	285	1 072430743
44	10	291	1 072430744
45	10,5	298	1 072430745
46	11	305	1 072430746
47	12	311	1 072430747
48	13	318	1 072430748

CE



S3 RS HRO SRC

EN ISO 20345 2011



7243FT

leather ankle shoe, waterproof, without toe cap and penetration proof insole

- Without toe cap
- Without penetration proof insole

EU	UK	mm	
35	2,5	228	1 072430635
36	3,5	235	1 072430636
37	4,5	242	1 072430637
38	5	248	1 072430638
39	6	255	1 072430639
40	6,5	262	1 072430640
41	7	268	1 072430641
42	8	275	1 072430642
43	9	282	1 072430643
44	10	288	1 072430644
45	10,5	295	1 072430645
46	11	302	1 072430646
47	12	308	1 072430647
48	13	315	1 072430648

CE



O2 FO SRC

EN ISO 20347 2012



7245BK

lace-up leather ankle shoe, "welder" style, water-repellent, with quick opening system and front protection with strap closure

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm	
35	2,5	228	1 072451235
36	3,5	235	1 072451236
37	4,5	242	1 072451237
38	5	248	1 072451238
39	6	255	1 072451239
40	6,5	262	1 072451240
41	7	268	1 072451241
42	8	275	1 072451242
43	9	282	1 072451243
44	10	288	1 072451244
45	10,5	295	1 072451245
46	11	302	1 072451246
47	12	308	1 072451247
48	13	315	1 072451248

CE



S3 RS SRC

EN ISO 20345 2011



7246BK

suede shoe, perforated

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	072461235
36	3,5	235	1	072461236
37	4,5	242	1	072461237
38	5	248	1	072461238
39	6	255	1	072461239
40	6,5	262	1	072461240
41	7	268	1	072461241
42	8	275	1	072461242
43	9	282	1	072461243
44	10	288	1	072461244
45	10,5	295	1	072461245
46	11	302	1	072461246
47	12	308	1	072461247
48	13	315	1	072461248

CE



S1P SRC

EN ISO 20345 2011



7247BK

leather sandal, perforated

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	072471235
36	3,5	235	1	072471236
37	4,5	242	1	072471237
38	5	248	1	072471238
39	6	255	1	072471239
40	6,5	262	1	072471240
41	7	268	1	072471241
42	8	275	1	072471242
43	9	282	1	072471243
44	10	288	1	072471244
45	10,5	295	1	072471245
46	11	302	1	072471246
47	12	308	1	072471247
48	13	315	1	072471248

CE



S1P SRC

EN ISO 20345 2011



7328A

"top visibility" safety boot made from nitrile PVC. With self-cleaning anti-slip tread.

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK	mm		
38	5	253	1	073280638
39	6	260	1	073280639
40	6,5	267	1	073280640
41	7	273	1	073280641
42	8	280	1	073280642
43	9	287	1	073280643
44	10	293	1	073280644
45	10,5	300	1	073280645
46	11	307	1	073280646
47	12	313	1	073280647

CE



S5 SRC

EN ISO 20345 2011



7328N

safety boot made from nitrile PVC. With self-cleaning anti-slip tread.

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK	mm		
38	5	253	1	073280838
39	6	260	1	073280839
40	6,5	267	1	073280840
41	7	273	1	073280841
42	8	280	1	073280842
43	9	287	1	073280843
44	10	293	1	073280844
45	10,5	300	1	073280845
46	11	307	1	073280846
47	12	313	1	073280847

CE



S5 SRC

EN ISO 20345 2011



EASY PLUS



7220PEK

leather shoe, water-repellent, with nylon inserts and anti-abrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO
20345
2011**

METAL
FREE



EU	UK	mm	
35	2,5	228	1 072200235
36	3,5	235	1 072200236
37	4,5	242	1 072200237
38	5	248	1 072200238
39	6	255	1 072200239
40	6,5	262	1 072200240
41	7	268	1 072200241
42	8	275	1 072200242
43	9	282	1 072200243
44	10	288	1 072200244
45	10,5	295	1 072200245
46	11	302	1 072200246
47	12	308	1 072200247
48	13	315	1 072200248

CE



S3 SRC

7221PEK

leather ankle shoe, water-repellent, with nylon inserts, anti-abrasion reinforcement in toe cap area and quick opening system

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO
20345
2011**

METAL
FREE



EU	UK	mm	
35	2,5	228	1 072210235
36	3,5	235	1 072210236
37	4,5	242	1 072210237
38	5	248	1 072210238
39	6	255	1 072210239
40	6,5	262	1 072210240
41	7	268	1 072210241
42	8	275	1 072210242
43	9	282	1 072210243
44	10	288	1 072210244
45	10,5	295	1 072210245
46	11	302	1 072210246
47	12	308	1 072210247
48	13	315	1 072210248

CE



S3 RS SRC

7222PEK

suede shoe, perforated, with highly breathable mesh inserts

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO
20345
2011**

METAL
FREE



EU	UK	mm	
35	2,5	228	1 072220135
36	3,5	235	1 072220136
37	4,5	242	1 072220137
38	5	248	1 072220138
39	6	255	1 072220139
40	6,5	262	1 072220140
41	7	268	1 072220141
42	8	275	1 072220142
43	9	282	1 072220143
44	10	288	1 072220144
45	10,5	295	1 072220145
46	11	302	1 072220146
47	12	308	1 072220147
48	13	315	1 072220148

CE



S1P SRC

7223PEK

suede shoe with highly breathable mesh inserts and anti-abrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	072230135
36	3,5	235	1	072230136
37	4,5	242	1	072230137
38	5	248	1	072230138
39	6	255	1	072230139
40	6,5	262	1	072230140
41	7	268	1	072230141
42	8	275	1	072230142
43	9	282	1	072230143
44	10	288	1	072230144
45	10,5	295	1	072230145
46	11	302	1	072230146
47	12	308	1	072230147
48	13	315	1	072230148

CE



S1P SRC



EN ISO 20345 2011



7224PEK

suede shoe, perforated, with anti-abrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	072240235
36	3,5	235	1	072240236
37	4,5	242	1	072240237
38	5	248	1	072240238
39	6	255	1	072240239
40	6,5	262	1	072240240
41	7	268	1	072240241
42	8	275	1	072240242
43	9	282	1	072240243
44	10	288	1	072240244
45	10,5	295	1	072240245
46	11	302	1	072240246
47	12	308	1	072240247
48	13	315	1	072240248

CE



S1P SRC



EN ISO 20345 2011



7225PEK

suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	072250135
36	3,5	235	1	072250136
37	4,5	242	1	072250137
38	5	248	1	072250138
39	6	255	1	072250139
40	6,5	262	1	072250140
41	7	268	1	072250141
42	8	275	1	072250142
43	9	282	1	072250143
44	10	288	1	072250144
45	10,5	295	1	072250145
46	11	302	1	072250146
47	12	308	1	072250147
48	13	315	1	072250148

CE



S1P SRC



EN ISO 20345 2011



Beta

FLEX



7212B

suede shoe, with mesh inserts, anti-abrasion insert in toe cap area Remarkably flexible and lightweight - approximate weight for size 42: 490 g Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011

EU	UK	mm		
35	2.5	228	1	072120235
36	3.5	235	1	072120236
37	4.5	242	1	072120237
38	5	248	1	072120238
39	6	255	1	072120239
40	6.5	262	1	072120240
41	7	268	1	072120241
42	8	275	1	072120242
43	9	282	1	072120243
44	10	288	1	072120244
45	10.5	295	1	072120245
46	11	302	1	072120246
47	12	308	1	072120247
48	13	315	1	072120248

CE



S1P SRC ESD



7212G

suede shoe, perforated. With anti-abrasion insert in toe cap area. Remarkably flexible and lightweight - approximate weight for size 42: 490 g Not recommended for heavy-duty jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK	mm		
35	2.5	228	1	072120335
36	3.5	235	1	072120336
37	4.5	242	1	072120337
38	5	248	1	072120338
39	6	255	1	072120339
40	6.5	262	1	072120340
41	7	268	1	072120341
42	8	275	1	072120342
43	9	282	1	072120343
44	10	288	1	072120344
45	10.5	295	1	072120345
46	11	302	1	072120346
47	12	308	1	072120347
48	13	315	1	072120348

CE



S1P SRC ESD



7212LG

women's suede shoe, perforated, with mesh inserts Extremely flexible and lightweight - approximate weight, size 38: 380 g Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011

EU	UK	mm		
34	2	222	1	072120134
35	2.5	228	1	072120135
36	3.5	235	1	072120136
37	4.5	242	1	072120137
38	5	248	1	072120138
39	6	255	1	072120139
40	6.5	262	1	072120140
41	7	268	1	072120141
42	8	275	1	072120142

CE



S1P SRC



7213G

suede shoe, perforated, with highly breathable mesh inserts
Remarkably flexible and lightweight - approximate weight
for size 42: 490 g Not recommended for heavy-duty
jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

**EN ISO
20345
2011**

EU	UK	mm		
35	2.5	228	1	072130135
36	3.5	235	1	072130136
37	4.5	242	1	072130137
38	5	248	1	072130138
39	6	255	1	072130139
40	6.5	262	1	072130140
41	7	268	1	072130141
42	8	275	1	072130142
43	9	282	1	072130143
44	10	288	1	072130144
45	10.5	295	1	072130145
46	11	302	1	072130146
47	12	308	1	072130147
48	13	315	1	072130148



S1P SRC ESD



CE

7214FN

Action nubuck shoe, waterproof, with anti-abrasion insert in
toe cap area Extremely flexible and lightweight - approximate
weight size 42: 500 g Not recommended for heavy-duty use (building, agriculture,
heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

**EN ISO
20345
2011**

EU	UK	mm		
35	2,5	228	1	072140035
36	3,5	235	1	072140036
37	4,5	242	1	072140037
38	5	248	1	072140038
39	6	255	1	072140039
40	6,5	262	1	072140040
41	7	268	1	072140041
42	8	275	1	072140042
43	9	282	1	072140043
44	10	288	1	072140044
45	10,5	295	1	072140045
46	11	302	1	072140046
47	12	308	1	072140047
48	13	315	1	072140048



S3 SRC



CE

7214G

Action nubuck shoe, water-repellent, with anti-abrasion insert in
toe cap area Remarkably flexible and lightweight - approximate
weight for size 42: 500 g Not recommended for heavy-duty
jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

**EN ISO
20345
2011**

EU	UK	mm		
35	2.5	228	1	072140235
36	3.5	235	1	072140236
37	4.5	242	1	072140237
38	5	248	1	072140238
39	6	255	1	072140239
40	6.5	262	1	072140240
41	7	268	1	072140241
42	8	275	1	072140242
43	9	282	1	072140243
44	10	288	1	072140244
45	10.5	295	1	072140245
46	11	302	1	072140246
47	12	308	1	072140247
48	13	315	1	072140248



S3 SRC ESD



CE

7214LN

women's suede shoe, waterproof, with anti-abrasion insert in
toe cap area Extremely flexible and lightweight - approximate
weight, size 38: 380 g Not recommended for heavy-duty use
(building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

**EN ISO
20345
2011**

EU	UK	mm		
34	2	222	1	072140134
35	2.5	228	1	072140135
36	3.5	235	1	072140136
37	4.5	242	1	072140137
38	5	248	1	072140138
39	6	255	1	072140139
40	6.5	262	1	072140140
41	7	268	1	072140141
42	8	275	1	072140142



S3 SRC



CE

7215FN

Action nubuck moccasin, waterproof, with anti-abrasion insert in toe cap area Extremely flexible and lightweight - approximate weight, size 42: 490 g Not recommended for heavy-duty use (building, agriculture, heavy industry)

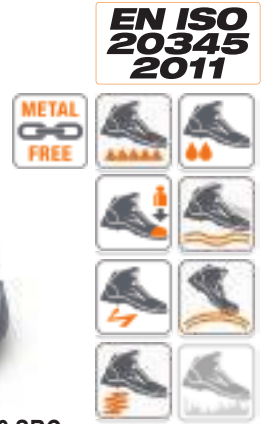
- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm		
35	2,5	228	1	072150135
36	3,5	235	1	072150136
37	4,5	242	1	072150137
38	5	248	1	072150138
39	6	255	1	072150139
40	6,5	262	1	072150140
41	7	268	1	072150141
42	8	275	1	072150142
43	9	282	1	072150143
44	10	288	1	072150144
45	10,5	295	1	072150145
46	11	302	1	072150146
47	12	308	1	072150147
48	13	315	1	072150148



CE

S3 SRC



7218FN

Action nubuck ankle shoe, water-repellent, with anti-abrasion insert in toe cap area and quick opening system Extremely flexible and lightweight - approximate weight, size 42: 510 g Not recommended for heavy-duty use (building, agriculture, heavy industry)

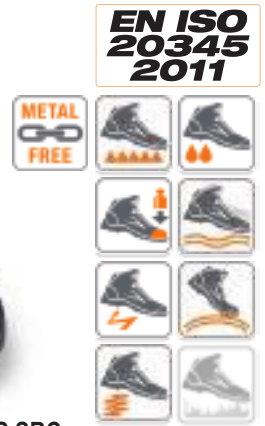
- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	072180035
36	3,5	235	1	072180036
37	4,5	242	1	072180037
38	5	248	1	072180038
39	6	255	1	072180039
40	6,5	262	1	072180040
41	7	268	1	072180041
42	8	275	1	072180042
43	9	282	1	072180043
44	10	288	1	072180044
45	10,5	295	1	072180045
46	11	302	1	072180046
47	12	308	1	072180047
48	13	315	1	072180048



CE

S3 RS SRC



7218G

Action nubuck ankle shoe, water-repellent, with anti-abrasion insert in toe cap area and quick opening system Remarkably flexible and lightweight - approximate weight for size 42: 550 g Not recommended for heavy-duty jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm		
35	2,5	228	1	072180135
36	3,5	235	1	072180136
37	4,5	242	1	072180137
38	5	248	1	072180138
39	6	255	1	072180139
40	6,5	262	1	072180140
41	7	268	1	072180141
42	8	275	1	072180142
43	9	282	1	072180143
44	10	288	1	072180144
45	10,5	295	1	072180145
46	11	302	1	072180146
47	12	308	1	072180147
48	13	315	1	072180148

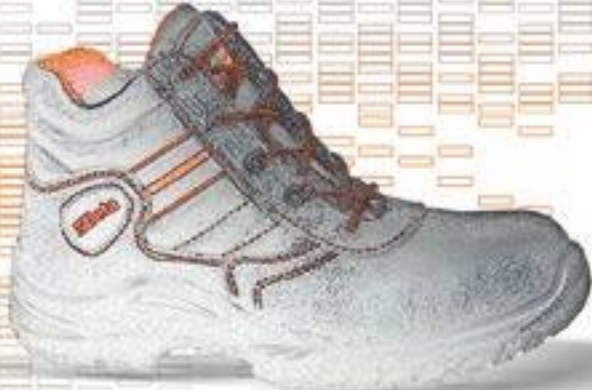


CE

S3 RS SRC ESD



BASIC PLUS



7200BKK

full-grain leather shoe, waterproof

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	072000235
36	3,5	235	1	072000236
37	4,5	242	1	072000237
38	5	248	1	072000238
39	6	255	1	072000239
40	6,5	262	1	072000240
41	7	268	1	072000241
42	8	275	1	072000242
43	9	282	1	072000243
44	10	288	1	072000244
45	10,5	295	1	072000245
46	11	302	1	072000246
47	12	308	1	072000247
48	13	315	1	072000248



CE

S3 SRC

**EN ISO
20345
2011**

METAL
GO
FREE



7201BKK

full-grain leather ankle shoe, waterproof

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	072010435
36	3,5	235	1	072010436
37	4,5	242	1	072010437
38	5	248	1	072010438
39	6	255	1	072010439
40	6,5	262	1	072010440
41	7	268	1	072010441
42	8	275	1	072010442
43	9	282	1	072010443
44	10	288	1	072010444
45	10,5	295	1	072010445
46	11	302	1	072010446
47	12	308	1	072010447
48	13	315	1	072010448



CE

S3 SRC

**EN ISO
20345
2011**

METAL
GO
FREE



7210BKK

soft suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	072100335
36	3,5	235	1	072100336
37	4,5	242	1	072100337
38	5	248	1	072100338
39	6	255	1	072100339
40	6,5	262	1	072100340
41	7	268	1	072100341
42	8	275	1	072100342
43	9	282	1	072100343
44	10	288	1	072100344
45	10,5	295	1	072100345
46	11	302	1	072100346
47	12	308	1	072100347
48	13	315	1	072100348



CE

S1P SRC

**EN ISO
20345
2011**

METAL
GO
FREE



7216BKK

soft suede sandal,
with strap closure

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO
20345
2011**

METAL
FREE



EU	UK	mm	
35	2,5	228	1 072160335
36	3,5	235	1 072160336
37	4,5	242	1 072160337
38	5	248	1 072160338
39	6	255	1 072160339
40	6,5	262	1 072160340
41	7	268	1 072160341
42	8	275	1 072160342
43	9	282	1 072160343
44	10	288	1 072160344
45	10,5	295	1 072160345
46	11	302	1 072160346
47	12	308	1 072160347
48	13	315	1 072160348

CE



S1P SRC

7310CRK

lace-up black leather shoe, "welder" style, water-repellent,
with quick opening system and front protection with strap
fastening and flameproof seams Hard-wearing rubber outsole
and anti-abrasion insert in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO
20345
2011**



EU	UK	mm	
35	2,5	227	1 073100335
36	3,5	234	1 073100336
37	4,5	241	1 073100337
38	5	247	1 073100338
39	6	254	1 073100339
40	6,5	261	1 073100340
41	7	267	1 073100341
42	8	274	1 073100342
43	9	281	1 073100343
44	10	287	1 073100344
45	10,5	294	1 073100345
46	11	301	1 073100346
47	12	307	1 073100347
48	13	314	1 073100348

CE



S3 RS HRO SRC

TREKKING



7235BK

Action Nubuck shoe, waterproof,
with reinforcement polyurethane toe cap cover

- Steel toe cap
- Composite fibre penetration-proof insole

**EN ISO
20345
2011**



EU	UK	mm	
35	2,5	228	1 072350335
36	3,5	235	1 072350336
37	4,5	242	1 072350337
38	5	248	1 072350338
39	6	255	1 072350339
40	6,5	262	1 072350340
41	7	268	1 072350341
42	8	275	1 072350342
43	9	282	1 072350343
44	10	288	1 072350344
45	10,5	295	1 072350345
46	11	302	1 072350346
47	12	308	1 072350347
48	13	315	1 072350348

CE



S3 SRC

7236BK

Action Nubuck ankle shoe, waterproof, with quick opening system and reinforcement polyurethane toe cap cover

- Steel toe cap
- Composite fibre penetration-proof insole

EU	UK	mm		
35	2,5	228	1	072360335
36	3,5	235	1	072360336
37	4,5	242	1	072360337
38	5	248	1	072360338
39	6	255	1	072360339
40	6,5	262	1	072360340
41	7	268	1	072360341
42	8	275	1	072360342
43	9	282	1	072360343
44	10	288	1	072360344
45	10,5	295	1	072360345
46	11	302	1	072360346
47	12	308	1	072360347
48	13	315	1	072360348

CE



S3 RS SRC

EN ISO 20345 2011



7238WR

suede ankle shoe with nylon inserts, durable rubber outsole and quick opening system
WR (water-resistant) footwear: after 1,000 steps in a tank with 3 cm of water, the wet internal surface has to be ≤ 3 cm² (spot)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm		
35	2,5	228	1	072380235
36	3,5	235	1	072380236
37	4,5	242	1	072380237
38	5	248	1	072380238
39	6	255	1	072380239
40	6,5	262	1	072380240
41	7	268	1	072380241
42	8	275	1	072380242
43	9	282	1	072380243
44	10	288	1	072380244
45	10,5	295	1	072380245
46	11	302	1	072380246
47	12	308	1	072380247
48	13	315	1	072380248

CE



S3 RS WR HRO SRC

EN ISO 20345 2011



7239B

nubuck ankle boot, water-repellent, with mesh inserts and reinforcement polyurethane toe cap cover

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
39	6	258	1	072390339
40	6,5	265	1	072390340
41	7	271	1	072390341
42	8	278	1	072390342
43	9	285	1	072390343
44	10	291	1	072390344
45	10,5	298	1	072390345
46	11	305	1	072390346
47	12	311	1	072390347
48	13	318	1	072390348

CE



S3 SRC

EN ISO 20345 2011



7248GK

suede shoe with nylon inserts and reinforcement polyurethane toe cap cover

- Steel toe cap
- Composite fibre penetration-proof insole

EU	UK	mm		
35	2,5	231	1	072480235
36	3,5	238	1	072480236
37	4,5	245	1	072480237
38	5	251	1	072480238
39	6	258	1	072480239
40	6,5	265	1	072480240
41	7	271	1	072480241
42	8	278	1	072480242
43	9	285	1	072480243
44	10	291	1	072480244
45	10,5	298	1	072480245
46	11	305	1	072480246
47	12	311	1	072480247
48	13	318	1	072480248

CE



S1P SRC

EN ISO 20345 2011



7249GK

suede ankle shoe with nylon inserts, quick opening system and reinforcement polyurethane toe cap cover

- Steel toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	
35	2,5	231	1 072490235
36	3,5	238	1 072490236
37	4,5	245	1 072490237
38	5	251	1 072490238
39	6	258	1 072490239
40	6,5	265	1 072490240
41	7	271	1 072490241
42	8	278	1 072490242
43	9	285	1 072490243
44	10	291	1 072490244
45	10,5	298	1 072490245
46	11	305	1 072490246
47	12	311	1 072490247
48	13	318	1 072490248

CE



S1P RS SRC

EN ISO
20345
2011



ACTIVE



7314AF

suede shoe with nylon mesh and carbon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	
35	2,5	228	1 073140235
36	3,5	235	1 073140236
37	4,5	242	1 073140237
38	5	248	1 073140238
39	6	255	1 073140239
40	6,5	262	1 073140240
41	7	268	1 073140241
42	8	275	1 073140242
43	9	282	1 073140243
44	10	288	1 073140244
45	10,5	295	1 073140245
46	11	302	1 073140246
47	12	308	1 073140247
48	13	315	1 073140248

CE



S1P SRC

EN ISO
20345
2011

METAL
FREE



7315AN

suede and microfibre shoe, water-repellent, with carbon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	
35	2,5	228	1 073150535
36	3,5	235	1 073150536
37	4,5	242	1 073150537
38	5	248	1 073150538
39	6	255	1 073150539
40	6,5	262	1 073150540
41	7	268	1 073150541
42	8	275	1 073150542
43	9	282	1 073150543
44	10	288	1 073150544
45	10,5	295	1 073150545
46	11	302	1 073150546
47	12	308	1 073150547
48	13	315	1 073150548

CE



S3 SRC

EN ISO
20345
2011

METAL
FREE



7316NB

mesh and suede shoe, highly breathable, with heel stability support

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011

EU	UK	mm		
35	2.5	228	1	073160735
36	3.5	235	1	073160736
37	4.5	242	1	073160737
38	5	248	1	073160738
39	6	255	1	073160739
40	6.5	262	1	073160740
41	7	268	1	073160741
42	8	275	1	073160742
43	9	282	1	073160743
44	10	288	1	073160744
45	10.5	295	1	073160745
46	11	302	1	073160746
47	12	308	1	073160747
48	13	315	1	073160748

CE



S1P SRC ESD



7316NG

mesh and suede shoe, highly breathable, with heel stability support

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm		
35	2.5	228	1	073160635
36	3.5	235	1	073160636
37	4.5	242	1	073160637
38	5	248	1	073160638
39	6	255	1	073160639
40	6.5	262	1	073160640
41	7	268	1	073160641
42	8	275	1	073160642
43	9	282	1	073160643
44	10	288	1	073160644
45	10.5	295	1	073160645
46	11	302	1	073160646
47	12	308	1	073160647
48	13	315	1	073160648

CE



S1P SRC ESD



7317NA

suede shoe, perforated, with microfibre reinforcement in heel area

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK	mm		
35	2,5	228	1	073170135
36	3,5	235	1	073170136
37	4,5	242	1	073170137
38	5	248	1	073170138
39	6	255	1	073170139
40	6,5	262	1	073170140
41	7	268	1	073170141
42	8	275	1	073170142
43	9	282	1	073170143
44	10	288	1	073170144
45	10,5	295	1	073170145
46	11	302	1	073170146
47	12	308	1	073170147
48	13	315	1	073170148

CE



S1P SRC



7318AN

suede and microfibre ankle shoe, water-repellent, with carbon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK	mm		
35	2,5	228	1	073180535
36	3,5	235	1	073180536
37	4,5	242	1	073180537
38	5	248	1	073180538
39	6	255	1	073180539
40	6,5	262	1	073180540
41	7	268	1	073180541
42	8	275	1	073180542
43	9	282	1	073180543
44	10	288	1	073180544
45	10,5	295	1	073180545
46	11	302	1	073180546
47	12	308	1	073180547
48	13	315	1	073180548

CE



S3 SRC



7320NA

nubuck shoe, water-repellent,
with antiabrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	W	L
35	2,5	228	1	073200435
36	3,5	235	1	073200436
37	4,5	242	1	073200437
38	5	248	1	073200438
39	6	255	1	073200439
40	6,5	262	1	073200440
41	7	268	1	073200441
42	8	275	1	073200442
43	9	282	1	073200443
44	10	288	1	073200444
45	10,5	295	1	073200445
46	11	302	1	073200446
47	12	308	1	073200447
48	13	315	1	073200448



CE

S3 SRC



EN ISO 20345 2011



7321NA

nubuck shoe, water-repellent,
with quick opening system and antiabrasion reinforcement in
toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	W	L
35	2,5	228	1	073210435
36	3,5	235	1	073210436
37	4,5	242	1	073210437
38	5	248	1	073210438
39	6	255	1	073210439
40	6,5	262	1	073210440
41	7	268	1	073210441
42	8	275	1	073210442
43	9	282	1	073210443
44	10	288	1	073210444
45	10,5	295	1	073210445
46	11	302	1	073210446
47	12	308	1	073210447
48	13	315	1	073210448



CE

S3 RS SRC



EN ISO 20345 2011



7322SA

fabric shoe, highly resistant to abrasion,
with heel stability support

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	W	L
35	2,5	228	1	073220435
36	3,5	235	1	073220436
37	4,5	242	1	073220437
38	5	248	1	073220438
39	6	255	1	073220439
40	6,5	262	1	073220440
41	7	268	1	073220441
42	8	275	1	073220442
43	9	282	1	073220443
44	10	288	1	073220444
45	10,5	295	1	073220445
46	11	302	1	073220446
47	12	308	1	073220447
48	13	315	1	073220448



CE

S3 SRC



EN ISO 20345 2011



7323SA

fabric ankle shoe, highly resistant to abrasion,
with quick opening system and heel stability support

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	W	L
35	2,5	228	1	073230435
36	3,5	235	1	073230436
37	4,5	242	1	073230437
38	5	248	1	073230438
39	6	255	1	073230439
40	6,5	262	1	073230440
41	7	268	1	073230441
42	8	275	1	073230442
43	9	282	1	073230443
44	10	288	1	073230444
45	10,5	295	1	073230445
46	11	302	1	073230446
47	12	308	1	073230447
48	13	315	1	073230448

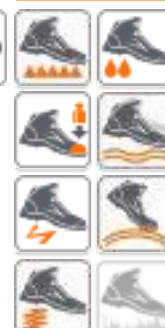


CE

S3 RS SRC



EN ISO 20345 2011



O-GRAVITY



7352A

mesh fabric shoe, highly breathable, with TPU inserts
Heel stability support, stretch slip-on collar
and EVA outsole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight, size 42: 450 g

**EN ISO
20345
2011**

EU	UK	mm	1	2
38	5	254	1	073520038
39	6	261	1	073520039
40	6,5	268	1	073520040
41	7	274	1	073520041
42	8	281	1	073520042
43	9	288	1	073520043
44	10	294	1	073520044
45	10,5	301	1	073520045
46	11	308	1	073520046
47	12	314	1	073520047
48	13	321	1	073520048



METAL
GO
FREE



CE

S1P HRO SRC

7352B

mesh fabric shoe, highly breathable, with TPU inserts
Heel stability support, stretch slip-on collar
and EVA outsole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight, size 42: 450 g

**EN ISO
20345
2011**

EU	UK	mm	1	2
38	5	254	1	073520138
39	6	261	1	073520139
40	6,5	268	1	073520140
41	7	274	1	073520141
42	8	281	1	073520142
43	9	288	1	073520143
44	10	294	1	073520144
45	10,5	301	1	073520145
46	11	308	1	073520146
47	12	314	1	073520147
48	13	321	1	073520148



METAL
GO
FREE



CE

S1P HRO SRC

7352G

mesh fabric shoe, highly breathable, with TPU inserts
Heel stability support, traditional lacing, wide fit.
EVA outsole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 450 grams

**EN ISO
20345
2011**

EU	UK	mm	1	2
38	5	254	1	073520338
39	6	261	1	073520339
40	6,5	268	1	073520340
41	7	274	1	073520341
42	8	281	1	073520342
43	9	288	1	073520343
44	10	294	1	073520344
45	10,5	301	1	073520345
46	11	308	1	073520346
47	12	314	1	073520347
48	13	321	1	073520348



METAL
GO
FREE



CE

S1P HRO SRC ESD

7352LG

women's mesh fabric shoe, highly breathable, with TPU inserts • Fibreglass toe cap

High-visibility reflective mesh upper • Composite fibre penetration proof insole

Heel stability support, stretch slip-on collar

and EVA outsole with durable nitrile rubber tread

• REMARKABLY LIGHTWEIGHT: approximate weight for size 38: 390 grams

**EN ISO
20345
2011**

EU	UK	mm	W	L
34	2	228	1	073520234
35	2,5	234	1	073520235
36	3,5	241	1	073520236
37	4,5	248	1	073520237
38	5	254	1	073520238
39	6	261	1	073520239
40	6,5	268	1	073520240
41	7	274	1	073520241
42	8	281	1	073520242

CE



S1P HRO SRC



7353Y

mesh fabric shoe, highly breathable, with TPU inserts

High-visibility reflective mesh upper

Heel stability support, stretch slip-on collar and EVA outsole

with durable nitrile rubber tread

• Carbon fibre toe cap • Composite fibre penetration-proof insole •

REMARKABLY LIGHTWEIGHT: approximate weight, size 42: 420 g

**EN ISO
20345
2011**

EU	UK	mm	W	L
38	5	254	1	073530038
39	6	261	1	073530039
40	6,5	268	1	073530040
41	7	274	1	073530041
42	8	281	1	073530042
43	9	288	1	073530043
44	10	294	1	073530044
45	10,5	301	1	073530045
46	11	308	1	073530046
47	12	314	1	073530047
48	13	321	1	073530048

CE



S1P HRO SRC



7354N

mesh fabric shoe, waterproof, with TPU inserts

Heel stability support, stretch slip-on collar and EVA outsole

with durable nitrile rubber tread

• Composite toe cap • Composite fibre penetration-proof insole •

REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 460 g

**EN ISO
20345
2011**

EU	UK	mm	W	L
38	5	254	1	073540038
39	6	261	1	073540039
40	6,5	268	1	073540040
41	7	274	1	073540041
42	8	281	1	073540042
43	9	288	1	073540043
44	10	294	1	073540044
45	10,5	301	1	073540045
46	11	308	1	073540046
47	12	314	1	073540047
48	13	321	1	073540048

CE



S3 HRO SRC



7355V

mesh fabric ankle shoe, waterproof, with TPU inserts

Heel stability support, stretch slip-on collar and EVA outsole

with durable nitrile rubber tread

• Composite toe cap • Composite fibre penetration-proof insole •

REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 465 g

**EN ISO
20345
2011**

EU	UK	mm	W	L
38	5	254	1	073550038
39	6	261	1	073550039
40	6,5	268	1	073550040
41	7	274	1	073550041
42	8	281	1	073550042
43	9	288	1	073550043
44	10	294	1	073550044
45	10,5	301	1	073550045
46	11	308	1	073550046
47	12	314	1	073550047
48	13	321	1	073550048

CE



S3 HRO SRC



7356G

microfibre shoe, water-repellent, with TPU inserts
Heel stability support, stretch slip-on collar
and EVA sole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 460 grams

**EN ISO
20345
2011**

EU	UK	mm	mm
38	5	254	1 073560038
39	6	261	1 073560039
40	6,5	268	1 073560040
41	7	274	1 073560041
42	8	281	1 073560042
43	9	288	1 073560043
44	10	294	1 073560044
45	10,5	301	1 073560045
46	11	308	1 073560046
47	12	314	1 073560047
48	13	321	1 073560048



CE

S3 HRO SRC

7356V

microfibre shoe, water-repellent, with TPU inserts
Heel stability support, stretch slip-on collar
and EVA outsole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 460 grams

**EN ISO
20345
2011**

EU	UK	mm	mm
38	5	254	1 073560138
39	6	261	1 073560139
40	6,5	268	1 073560140
41	7	274	1 073560141
42	8	281	1 073560142
43	9	288	1 073560143
44	10	294	1 073560144
45	10,5	301	1 073560145
46	11	308	1 073560146
47	12	314	1 073560147
48	13	321	1 073560148



CE

S3 HRO SRC

7356LN

women's microfibre shoe, water-repellent, with TPU inserts
Heel stability support, stretch slip-on collar
and EVA outsole with durable nitrile rubber tread

- Fibreglass toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 38: 400 grams

**EN ISO
20345
2011**

EU	UK	mm	mm
34	2	228	1 073560234
35	2,5	234	1 073560235
36	3,5	241	1 073560236
37	4,5	248	1 073560237
38	5	254	1 073560238
39	6	261	1 073560239
40	6,5	268	1 073560240
41	7	274	1 073560241
42	8	281	1 073560242



CE

S3 HRO SRC

7357G

microfibre ankle shoe, water-repellent, with TPU inserts
Heel stability support, stretch slip-on collar and EVA sole with
durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 480 grams

**EN ISO
20345
2011**

EU	UK	mm	mm
38	5	254	1 073570038
39	6	261	1 073570039
40	6,5	268	1 073570040
41	7	274	1 073570041
42	8	281	1 073570042
43	9	288	1 073570043
44	10	294	1 073570044
45	10,5	301	1 073570045
46	11	308	1 073570046
47	12	314	1 073570047
48	13	321	1 073570048



CE

S3 HRO SRC

7357V

microfibre ankle shoe, water-repellent, with TPU inserts
Heel stability support, stretch-slip on collar
and EVA outsole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 480 grams

**EN ISO
20345
2011**

EU	UK	mm	mm	mm
38	5	254	1	073570138
39	6	261	1	073570139
40	6,5	268	1	073570140
41	7	274	1	073570141
42	8	281	1	073570142
43	9	288	1	073570143
44	10	294	1	073570144
45	10,5	301	1	073570145
46	11	308	1	073570146
47	12	314	1	073570147
48	13	321	1	073570148



CE

S3 HRO SRC

7362B

occupational shoe, made of mesh fabric, highly breathable,
with TPU inserts
Heel stability support, stretch slip-on collar and EVA sole with
durable nitrile rubber tread

- Without toe cap
- Without penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 330 grams

**EN ISO
20347
2012**

EU	UK	mm	mm	mm
39	6	261	1	073620039
40	6,5	268	1	073620040
41	7	274	1	073620041
42	8	281	1	073620042
43	9	288	1	073620043
44	10	294	1	073620044
45	10,5	301	1	073620045
46	11	308	1	073620046
47	12	314	1	073620047
48	13	321	1	073620048



CE

01 FO HRO SRC

7363N

occupational shoe, made of mesh fabric, water-repellent, with
TPU inserts
Heel stability support, stretch slip-on collar and EVA sole with
durable nitrile rubber tread

- Without toe cap
- Without penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 330 grams

**EN ISO
20347
2012**

EU	UK	mm	mm	mm
39	6	261	1	073630039
40	6,5	268	1	073630040
41	7	274	1	073630041
42	8	281	1	073630042
43	9	288	1	073630043
44	10	294	1	073630044
45	10,5	301	1	073630045
46	11	308	1	073630046
47	12	314	1	073630047
48	13	321	1	073630048



CE

02 FO HRO SRC

Beta

7372B

woven fabric shoe, hard-wearing and ultrabreathable.
Heel stability support, traditional lacing, wide fit.
EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 450 g

**EN ISO
20345
2011**

EU	UK	mm		
38	5	254	1	073720038
39	6	261	1	073720039
40	6.5	268	1	073720040
41	7	274	1	073720041
42	8	281	1	073720042
43	9	288	1	073720043
44	10	294	1	073720044
45	10.5	301	1	073720045
46	11	308	1	073720046
47	12	314	1	073720047
48	13	321	1	073720048



CE

S1P HRO SRC

7376A

microfibre and mesh sandal, perforated, and highly breathable
Heel stability support, traditional lacing, stretch-laced, wide fit.
EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 490 g

**EN ISO
20345
2011**

EU	UK	mm		
38	5	254	1	073760038
39	6	261	1	073760039
40	6.5	268	1	073760040
41	7	274	1	073760041
42	8	281	1	073760042
43	9	288	1	073760043
44	10	294	1	073760044
45	10.5	301	1	073760045
46	11	308	1	073760046
47	12	314	1	073760047
48	13	321	1	073760048



CE

S1P HRO SRC

7381N

waterproof shoe made from highly abrasion-resistant fabric,
with TPU inserts. Heel stability support, traditional lacing, wide fit.
EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- Beta TECH waterproofing membrane, with bootie system
- LIGHTWEIGHT: approximate weight for size 42: 500 g

**EN ISO
20345
2011**

EU	UK	mm		
38	5	254	1	073810038
39	6	261	1	073810039
40	6.5	268	1	073810040
41	7	274	1	073810041
42	8	281	1	073810042
43	9	288	1	073810043
44	10	294	1	073810044
45	10.5	301	1	073810045
46	11	308	1	073810046
47	12	314	1	073810047
48	13	321	1	073810048



CE

S3 SRC HRO WR

7382N

waterproof ankle shoe, made from highly abrasion-resistant fabric,
with TPU inserts. Heel stability support, traditional lacing, wide fit.
EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- Beta TECH waterproofing membrane, with bootie system
- LIGHTWEIGHT: approximate weight for size 42: 550 g

**EN ISO
20345
2011**

EU	UK	mm		
38	5	254	1	073820038
39	6	261	1	073820039
40	6.5	268	1	073820040
41	7	274	1	073820041
42	8	281	1	073820042
43	9	288	1	073820043
44	10	294	1	073820044
45	10.5	301	1	073820045
46	11	308	1	073820046
47	12	314	1	073820047
48	13	321	1	073820048



CE

S3 SRC HRO WR

SNEAKERS PRO



7340B

mesh fabric shoe, highly breathable,
with high-frequency PU inserts and protective toe cap
reinforcement made of crust suede.
Extremely lightweight - approximate weight, size 42: 470 g

- Aluminium toe cap
- Composite fibre penetration-proof insole
- FixLock closing makes it easier to put and remove the shoe (traditional laces included)

**EN ISO
20345
2011**



EU	UK	mm	U	G
36	3,5	238	1	073400236
37	4,5	245	1	073400237
38	5	251	1	073400238
39	6	258	1	073400239
40	6,5	265	1	073400240
41	7	271	1	073400241
42	8	278	1	073400242
43	9	285	1	073400243
44	10	291	1	073400244
45	10,5	298	1	073400245
46	11	305	1	073400246
47	12	311	1	073400247



CE

S1P SRC

7341N

microsuede shoe, waterproof,
with high-frequency PU inserts and protective toe cap
reinforcement made of crust suede.
Extremely lightweight - approximate weight, size 42: 470 g

- Aluminium toe cap
- Composite fibre penetration-proof insole
- FixLock closing makes it easier to put and remove the shoe (traditional laces included)

**EN ISO
20345
2011**



EU	UK	mm	U	G
36	3,5	238	1	073410236
37	4,5	245	1	073410237
38	5	251	1	073410238
39	6	258	1	073410239
40	6,5	265	1	073410240
41	7	271	1	073410241
42	8	278	1	073410242
43	9	285	1	073410243
44	10	291	1	073410244
45	10,5	298	1	073410245
46	11	305	1	073410246
47	12	311	1	073410247



CE

S3 SRC

7349RP

shoe made of Nubuck crust leather, waterproof
with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO
20345
2011**

METAL
FREE



EU	UK	mm	U	G
38	5	254	1	073490138
39	6	260	1	073490139
40	6,5	267	1	073490140
41	7	274	1	073490141
42	8	280	1	073490142
43	9	287	1	073490143
44	10	294	1	073490144
45	10,5	300	1	073490145
46	11	307	1	073490146
47	12	314	1	073490147



CE

S3 HRO SRC

7350RP

ankle shoe made of Nubuck crust leather, waterproof with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	EU	mm
38	5	254	1	073500138
39	6	260	1	073500139
40	6,5	267	1	073500140
41	7	274	1	073500141
42	8	280	1	073500142
43	9	287	1	073500143
44	10	294	1	073500144
45	10,5	300	1	073500145
46	11	307	1	073500146
47	12	314	1	073500147

CE



S3 HRO SRC

METAL
FREE

EN ISO
20345
2011



HEAVY DUTY



7293HM

greased full-grain leather shoe, water-repellent, with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area and reinforcement polyurethane toe cap cover

- Fibreglass toe cap
- Composite fibre penetration proof insole

EU	UK	mm	EU	mm
39	6	263	1	072930639
40	6,5	270	1	072930640
41	7	276	1	072930641
42	8	283	1	072930642
43	9	289	1	072930643
44	10	296	1	072930644
45	10,5	302	1	072930645
46	11	309	1	072930646
47	12	315	1	072930647
48	13	322	1	072930648

CE



S3 HRO HI SRC

EN ISO
11

EN ISO
20345
2011



7293HN

Nubuck shoe, waterproof, with SUPPORT SYSTEM for lateral ankle support Durable rubber tread and PU toe cap Wide body

- Steel toe cap
- Composite fibre penetration-proof insole

E	U	mm	EU	mm
39	6	256	1	072930839
40	6,5	263	1	072930840
41	7	269	1	072930841
42	8	276	1	072930842
43	9	282	1	072930843
44	10	289	1	072930844
45	10,5	295	1	072930845
46	11	302	1	072930846
47	12	308	1	072930847

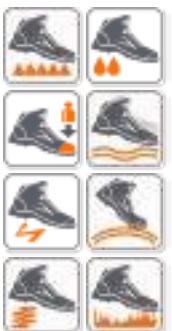
CE



S3 HRO HI SRC

EN ISO
11

EN ISO
20345
2011



7294HM

greased full-grain leather ankle shoe, water-repellent, with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area and reinforcement polyurethane toe cap cover

- Fibreglass toe cap
- Composite fibre penetration proof insole

**EN ISO
20345
2011**



EU	UK	mm	mm	mm
39	6	263	1	072940639
40	6,5	270	1	072940640
41	7	276	1	072940641
42	8	283	1	072940642
43	9	289	1	072940643
44	10	296	1	072940644
45	10,5	302	1	072940645
46	11	309	1	072940646
47	12	315	1	072940647
48	13	322	1	072940648

CE



S3 HRO HI SRC

7294HMC

greased full-grain leather ankle shoe, water-repellent, with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area and reinforcement polyurethane toe cap cover. With Tepor membrane, waterproof, windproof, highly breathable

- Fibreglass toe cap
- Composite fibre penetration proof insole

**EN ISO
20345
2011**



EU	UK	mm	mm	mm
39	6	263	1	072940739
40	6,5	270	1	072940740
41	7	276	1	072940741
42	8	283	1	072940742
43	9	289	1	072940743
44	10	296	1	072940744
45	10,5	302	1	072940745
46	11	309	1	072940746
47	12	315	1	072940747
48	13	322	1	072940748

CE



S3 HRO HI CI WR SRC

7294HN

Nubuck ankle shoe, waterproof, with SUPPORT SYSTEM for lateral ankle support and quick opening system. Durable rubber tread and PU toe cap. Wide body

- Steel toe cap
- Composite fibre penetration-proof insole

**EN ISO
20345
2011**



EU	UK	mm	mm	mm
39	6	263	1	072940839
40	6,5	269	1	072940840
41	7	276	1	072940841
42	8	282	1	072940842
43	9	289	1	072940843
44	10	295	1	072940844
45	10,5	302	1	072940845
46	11	308	1	072940846
47	12	315	1	072940847

CE



S3 HRO HI RS SRC

Beta

ACCESSORIES

7398 0/G

anatomically shaped underfoot covers made of EVA foam, with cushioning heel pad (spare part recommended for 0-Gravity footwear range)



EU	UK		
38	5	1	073981238
39	6	1	073981239
40	6,5	1	073981240
41	7	1	073981241
42	8	1	073981242
43	9	1	073981243
44	10	1	073981244
45	10,5	1	073981245
46	11	1	073981246
47	12	1	073981247
48	13	1	073981248

7398ESD

anatomically shaped, breathable underfoot cover, antibacterial top layer preventing bad odours. Replacement for ESD (ElectroStatic Discharge) certified footwear



EU	UK		
35	2,5	1	073981435
36	3,5	1	073981436
37	4,5	1	073981437
38	5	1	073981438
39	6	1	073981439
40	6,5	1	073981440
41	7	1	073981441
42	8	1	073981442
43	9	1	073981443
44	10	1	073981444
45	10,5	1	073981445
46	11	1	073981446
47	12	1	073981447
48	13	1	073981448

7398T

anatomically shaped underfoot covers WINTHERM insulation. 70% aluminized polyester, 30% polyethylene, bonded to non-woven synthetic fibres. Antistatic, breathable, rapidly absorbing, anti-odour, antibacterial, antifungicide.



WINTHERM

EU	UK		
35	2,5	1	073981335
36	3,5	1	073981336
37	4,5	1	073981337
38	5	1	073981338
39	6	1	073981339
40	6,5	1	073981340
41	7	1	073981341
42	8	1	073981342
43	9	1	073981343
44	10	1	073981344
45	10,5	1	073981345
46	11	1	073981346
47	12	1	073981347
48	13	1	073981348

7398U

anatomically shaped underfoot covers made of TPR GEL with high cushioning effect, plantar arch support and heel pad



EU	UK		
36 - 40	3,5 - 6,5	1	073980058
41 - 46	7 - 11	1	073980063



7398UP

anatomically shaped underfoot covers made of citrus-fragrant TPE GEL, with plantar arch support



EU	UK		
36 - 40	3,5 - 6	1	073980076
41 - 46	7 - 11	1	073980081

7398GEL

anatomically shaped underfoot covers with gel insets



EU	UK		
35	2,5	1	073980835
36	3,5	1	073980836
37	4,5	1	073980837
38	5	1	073980838
39	6	1	073980839
40	6,5	1	073980840
41	7	1	073980841
42	8	1	073980842
43	9	1	073980843
44	10	1	073980844
45	10,5	1	073980845
46	11	1	073980846
47	12	1	073980847
48	13	1	073980848

7398EF

anatomically shaped underfoot covers made of polyurethane foam, with cushioning heel lift



EU	UK		
35	2,5	1	073981135
36	3,5	1	073981136
37	4,5	1	073981137
38	5	1	073981138
39	6	1	073981139
40	6,5	1	073981140
41	7	1	073981141
42	8	1	073981142
43	9	1	073981143
44	10	1	073981144
45	10,5	1	073981145
46	11	1	073981146
47	12	1	073981147
48	13	1	073981148

7399 A/N...

pack of 10 pairs of laces



cm			
100		1	073990010
120		1	073990012
140		1	073990017

Prices refer to 10 pairs

7421

knee-length socks made from elastic compression terry, with nylon and cotton reinforcements on toe and heel areas
Soles made from hard-wearing, antimycotic, breathable bamboo fibre



	EU		
M	39-42	1	074210002
L	43-46	1	074210004

7423

elastic compression ankle-length socks with nylon and cotton reinforcements on toe and heel areas
Soles made from hard-wearing, antimycotic, breathable bamboo fibre



	EU		
M	39-42	1	074230002
L	43-46	1	074230004

7425

ankle-length socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas
Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre



	EU		
M	39-42	1	074250002
L	43-46	1	074250004

7427

maxi sneaker socks with protective, breathable inserts on shinbone and instep areas.
Nylon and cotton reinforcements on toe and heel areas and soles made from hard-wearing, antimycotic, breathable fibre



	EU		
M	39-42	1	074270002
L	43-46	1	074270004

7429

maxi sneaker socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas
Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre



	EU		
M	39-42	1	074290002
L	43-46	1	074290004

7431P

two pairs of sneaker socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas

Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre.
One pair in black/orange colour and one pair in black/grey colour.



	EU		
M	39-42	1	074310102
L	43-46	1	074310104



WORKWEAR



Over the years the workwear line has gained confidence and popularity among the most demanding professionals. The success of the product has translated into the ongoing development and expansion of the range.

The items of clothing produced by Beta Utensili S.p.a. comply with the following standard: **EN ISO 13688:2013**
Personal protective equipment protects the user from limited physical hazards, including small abrasions, sunbeams, wind, cold, non-harmful powders and dirt from nontoxic materials. Such protection is related to the first category of Italian Parliamentary Bill n°. 475 of 04/12/1992.

USE AND STORAGE INSTRUCTIONS

The garment should be worn correctly, so that it can protect the user's body parts. It should be stored in a cool, dry place, in its original packaging, away from heat sources, sunlight, dust and adverse weather.

SHRINKAGE

All natural fibres shrink after being washed. The degree of shrinkage may range from 1% to 5%, depending on several parameters, which include the type of fibres and the temperature of water.

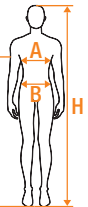
SIZE CORRESPONDENCE

		MEN'S CLOTHING						WOMEN'S CLOTHING							
		I	F	D	E	UK	USA			I	F	D	E	UK	USA
MEN'S CLOTHING	XS	46	38	42	40	30	32	WOMEN'S CLOTHING	XS	38	34	32	34	6	2
	S	48	40	44	42	32	34		S	40	36	34	36	8	4
	M	50	42	46	44	34	36		M	42	38	36	38	10	6
	L	52	44	48	46	36	38		L	44	40	38	40	12	8
	XL	54	46	50	48	38	40		XL	46	42	40	42	14	10
	2XL	56	48	52	50	40	42		2XL	48	44	42	44	16	12
	3XL	58	50	54	52	42	44		3XL	50	46	44	46	18	14
4XL	60	52	56	54	44	46									

ANATOMICAL SIZES EN ISO 13688:2013

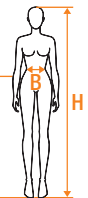
MEN'S CLOTHING

	XS	S	M	L	XL	2XL	3XL	4XL
A	88-92	92-96	96-104	104-108	108-116	116-124	124-132	132-140
B	79-83	83-87	87-91	91-95	95-100	100-107	107-112	112-120
H	158-164	164-170	170-176	176-182	182-188	188-194	194-200	200-206



WOMEN'S CLOTHING

	XS	S	M	L	XL	2XL	3XL
B	72-77	77-82	82-87	87-93	93-99	99-105	105-111
H	162-165	164-167	168-171	170-173	172-175	174-177	176-179



GUIDE TO CHOOSING CLOTHING – PRICE LIST 2023

Category	Line	Item Number	Page	Colour	Recommended combinations (same fabric and colour as trousers)									
					Bermuda shorts	Page	Bib and brace	Page	Overalls	Page	Sleeveless jacket	Page	Jacket	Page
WORK TROUSERS, LIGHTWEIGHT	Trekking	7610G	614	■	7611G	618								
		7610N	614	■										
	Top Line	7660B	614	■	7661B	618								
		7660G	614	■	7661G	618								
	Stretch	7830SN	616	■	7831SN	618								
	Beta Easy	7860G	616	■	7861G	619	7863G	619	7865G	620	7867G	622	7869G	621
Cotton	7930G	617	■	7931G	619	7933G	620	7935G	620			7939G	621	
WORK TROUSERS, 4 SEASONS	Trekking	7600G	613	■										
		7600N	613	■										
	Top Line	7650	614	■									7653G	620
		7650B	614	■										
		7818BL	615	■										
		7818CM	615	■	7815CM	618								
		7818G	615	■										
	Stretch	7830ST	616	■	7831ST	618								
	Beta Easy	7840BL	616	■									7849BL	620
	Stretch	7880SC	616	■										
	Beta Easy	7900B	617	■									7909B	621
		7900G	617	■	7901G	619	7903G	619	7905G	620	7907G	622	7909G	621
		7900P	617	■			7903P	619			7907P	622	7909P	621
7900V		617	■									7909V	621	
Multiprotection	7940	617	■									7949	621	
Lady	7818LN	615	■											

PANTS



7527

work jeans,
made from 70% cotton, 27% polyester and 3%
stretch fabric
Regular fit

CE

Jeans



XS	S	M	L	XL	XXL	XXXL
46	48	50	52	54	56	58
1	1	1	1	1	1	1
075270046	075270048	075270050	075270052	075270054	075270056	075270058

7528

stretch work jeans trousers,
98% cotton, 2% stretch fabric,
slim fit

CE

Jeans



XS	S	M	L	XL	XXL	XXXL
46	48	50	52	54	56	58
1	1	1	1	1	1	1
075280046	075280048	075280050	075280052	075280054	075280056	075280058

7530

stretch work jeans,
98% cotton and 2% stretch fabric, with
polyester reinforcements
Slim fit

CE

Jeans



XS	S	M	L	XL	XXL	XXXL
46	48	50	52	54	56	58
1	1	1	1	1	1	1
075300046	075300048	075300050	075300052	075300054	075300056	075300058

7600G

"work trekking" trousers, HEAVY,
90% nylon, 10% stretch fabric, 265 g/m²,
reinforced fabric on knees and back, stretch
leg bottoms with vertical zip closure
Dark grey, with fluorescent green details
Slim fit

CE

TREKKING
HEAVY



XS	S	M	L	XL	XXL	XXXL
46	48	50	52	54	56	58
1	1	1	1	1	1	1
076000000	076000001	076000002	076000003	076000004	076000005	076000006

7600N

"work trekking" trousers, HEAVY
90% nylon, 10% stretch fabric, 265 g/m²,
reinforced fabric on knees and back, stretch
leg bottoms with vertical zip closure
Black with fluorescent green details
Slim fit

CE

TREKKING
HEAVY



XS	S	M	L	XL	XXL	XXXL
46	48	50	52	54	56	58
1	1	1	1	1	1	1
076000100	076000101	076000102	076000103	076000104	076000105	076000106

7610G

"work trekking" trousers, LIGHT
90% nylon, 10% stretch fabric, 140 g/m²,
reinforced fabric on knees and back, stretch
leg bottoms and drawstring
Dark grey with yellow details
Slim fit

CE

TREKKING
LIGHT



SIZE	I	II	III
XS	46	1	076100000
S	48	1	076100001
M	50	1	076100002
L	52	1	076100003
XL	54	1	076100004
XXL	56	1	076100005
XXXL	58	1	076100006

7650

stretch work trousers, multipocket style
90% nylon - 10% spandex, 260 g/m²,
anthracite grey
Knee pad pockets, rear pockets and leg
bottoms reinforced in polyester 600D,
tearproof crotch

CE



SIZE	I	II	III
XS	46	1	076500000
S	48	1	076500001
M	50	1	076500002
L	52	1	076500003
XL	54	1	076500004
XXL	56	1	076500005
XXXL	60	1	076500006

7660B

stretch work trousers, lightweight, multipocket
style,
86% nylon - 14% spandex, 140 g/m², blue
Knee pad pockets, rear pockets reinforced in
polyester 300D, tearproof crotch
Slim fit

CE



SIZE	I	II	III
XS	46	1	076600100
S	48	1	076600101
M	50	1	076600102
L	52	1	076600103
XL	54	1	076600104
XXL	56	1	076600105
XXXL	58	1	076600106

7610N

"work trekking" trousers, LIGHT
90% nylon, 10% stretch fabric, 140 g/m²,
reinforced fabric on knees and back, stretch
leg bottoms and drawstring
Black with yellow details
Slim fit

CE

TREKKING
LIGHT



SIZE	I	II	III
XS	46	1	076100100
S	48	1	076100101
M	50	1	076100102
L	52	1	076100103
XL	54	1	076100104
XXL	56	1	076100105
XXXL	58	1	076100106

7650B

stretch work trousers, multipocket style,
90% nylon - 10% spandex, 260 g/m², blue
Knee pad pockets, rear pockets and leg
bottoms reinforced in polyester 600D,
tearproof crotch

CE



SIZE	I	II	III
XS	46	1	076500100
S	48	1	076500101
M	50	1	076500102
L	52	1	076500103
XL	54	1	076500104
XXL	56	1	076500105
XXXL	58	1	076500106

7660G

stretch work trousers, lightweight, multipocket
style, 86% nylon - 14% spandex, 140 gm²,
anthracite grey
Knee pad pockets, rear pockets reinforced in
polyester 300D, tearproof crotch
Slim fit

CE



SIZE	I	II	III
XS	46	1	076600000
S	48	1	076600001
M	50	1	076600002
L	52	1	076600003
XL	54	1	076600004
XXL	56	1	076600005
XXXL	58	1	076600006

7818G

work trousers, multipocket style, in T/C canvas, 260 g/m², grey
Knee pad pockets and bottom legs reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg and lumbar region for easier movements



Size	I	SKU
XS	46	1 078180000
S	48	1 078180001
M	50	1 078180002
L	52	1 078180003
XL	54	1 078180004
XXL	56	1 078180005
XXXL	58	1 078180006



7818BL

work trousers, multipocket style, in T/C canvas, 260 g/m², blue
With stretch fabric insert in inside leg
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg and lumbar region for easier movements

CE



Size	I	SKU
XS	46	1 078180100
S	48	1 078180101
M	50	1 078180102
L	52	1 078180103
XL	54	1 078180104
XXL	56	1 078180105
XXXL	58	1 078180106

7818CM

work trousers, multipocket style, made from T/C canvas, 260 g/m², camouflage grey
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric inserts in inside leg and in lumbar region for easier movements

CE



Size	I	SKU
XS	46	1 078180300
S	48	1 078180301
M	50	1 078180302
L	52	1 078180303
XL	54	1 078180304
XXL	56	1 078180305
XXXL	58	1 078180306

7818LN

women's work trousers, multipocket style, black with pink details, 100% stretch cotton, 220 g/m²
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg for easier movements

CE



Size	I	SKU
XS	38	1 078180200
S	40	1 078180201
M	42	1 078180202
L	44	1 078180203
XL	46	1 078180204
XXL	48	1 078180205
XXXL	50	1 078180206

7830SN

stretch work trousers,
in T/C twill, 200 g/m², black
Slim fit, tearproof crotch and stretch waistband
on sides

CE



Size	Waist (cm)	Length (cm)	SKU
XS	46	1	078300100
S	48	1	078300101
M	50	1	078300102
L	52	1	078300103
XL	54	1	078300104
XXL	56	1	078300105
XXXL	58	1	078300106

7830ST

stretch work trousers,
T/C twill, 250 g/m², grey
Slim fit, tearproof crotch and stretch waistband
on sides

CE



Size	Waist (cm)	Length (cm)	SKU
XS	46	1	078300000
S	48	1	078300001
M	50	1	078300002
L	52	1	078300003
XL	54	1	078300004
XXL	56	1	078300005
XXXL	58	1	078300006

7840BL

work trousers, T/C twill, 245 g/m², blue
Stretch waistband on sides

CE

Beta EASY



Size	Waist (cm)	Length (cm)	SKU
XS	46	1	078400100
S	48	1	078400101
M	50	1	078400102
L	52	1	078400103
XL	54	1	078400104
XXL	56	1	078400105
XXXL	58	1	078400106
XXXXL	60	1	078400107

7860G

work trousers, lightweight,
in T/C twill, 180 g/m², with Oxford inserts, grey
New design - Improved fit

CE

Beta EASY

LIGHT



Size	Waist (cm)	Length (cm)	SKU
XS	46	1	078600800
S	48	1	078600801
M	50	1	078600802
L	52	1	078600803
XL	54	1	078600804
XXL	56	1	078600805
XXXL	58	1	078600806
XXXXL	60	1	078600807

7880SC

stretch work trousers,
T/C canvas, 290 g/m², black
Slim fit, tearproof crotch and stretch waistband
on sides

CE



Size	Waist (cm)	Length (cm)	SKU
XS	46	1	078800000
S	48	1	078800001
M	50	1	078800002
L	52	1	078800003
XL	54	1	078800004
XXL	56	1	078800005
XXXL	58	1	078800006



7900B

work trousers,
in T/C canvas, 260 g/m², with Oxford inserts,
blue

CE

Beta EASY



	I	W	L
XS	46	1	079000700
S	48	1	079000701
M	50	1	079000702
L	52	1	079000703
XL	54	1	079000704
XXL	56	1	079000705
XXXL	58	1	079000706
XXXXL	60	1	079000707

7900P

work trousers,
in T/C canvas, 260 g/m², with Oxford inserts,
petrol blue

CE

Beta EASY



	I	W	L
XS	46	1	079000600
S	48	1	079000601
M	50	1	079000602
L	52	1	079000603
XL	54	1	079000604
XXL	56	1	079000605
XXXL	58	1	079000606
XXXXL	60	1	079000607

7930G

work trousers,
97% cotton, 3% stretch fabric, 220 g/m²
Slim fit

CE

Cotton



	I	W	L
XS	46	1	079300300
S	48	1	079300301
M	50	1	079300302
L	52	1	079300303
XL	54	1	079300304
XXL	56	1	079300305
XXXL	58	1	079300306

7900G

work trousers,
in T/C canvas, 260 g/m², with Oxford inserts,
grey
New design - Improved fit

CE

Beta EASY



	I	W	L
XS	46	1	079000800
S	48	1	079000801
M	50	1	079000802
L	52	1	079000803
XL	54	1	079000804
XXL	56	1	079000805
XXXL	58	1	079000806
XXXXL	60	1	079000807

7900V

work trousers,
in T/C canvas, 260 g/m², with Oxford inserts,
green

CE

Beta EASY



	I	W	L
XS	46	1	079000500
S	48	1	079000501
M	50	1	079000502
L	52	1	079000503
XL	54	1	079000504
XXL	56	1	079000505
XXXL	58	1	079000506
XXXXL	60	1	079000507

7940

multi-protection work trousers
T/C twill, 250 g/m², blue,
for protection from heat, flames, electric arc
effects, welding hazards and chemicals.

CE



DPI: III^A Categoria
EN ISO 11611:2015 - Classe 1
EN ISO 11612:2015 - A1 B1 C1
EN 1149-5:2018
EN13034:2005+A1:2009 - Type 6
IEC 61482-2:2018 - APC 1

	I	W	L
XS	46	1	079400000
S	48	1	079400001
M	50	1	079400002
L	52	1	079400003
XL	54	1	079400004
XXL	56	1	079400005
XXXL	58	1	079400006
XXXXL	60	1	079400007

BERMUDA



7529

stretch work jeans bermuda shorts,
98% cotton, 2% stretch fabric,
slim fit

CE

Jeans



MEASUREMENTS	I	II	III
XS	46	1	075290046
S	48	1	075290048
M	50	1	075290050
L	52	1	075290052
XL	54	1	075290054
XXL	56	1	075290056
XXXL	58	1	075290058

7611G

"work trekking" Bermuda shorts, LIGHT
90% nylon, 10% stretch fabric, 140 g/m²,
reinforced fabric on back.
Dark grey with yellow details
Slim fit

CE

TREKING
LIGHT



MEASUREMENTS	I	II	III
XS	46	1	076110000
S	48	1	076110001
M	50	1	076110002
L	52	1	076110003
XL	54	1	076110004
XXL	56	1	076110005
XXXL	58	1	076110006

7661B

stretch work Bermuda shorts, lightweight,
multipocket style,
86% nylon - 14% spandex, 140 g/m², blue
Rear pockets reinforced in polyester 300D,
tearproof crotch
Slim fit

CE



MEASUREMENTS	I	II	III
XS	46	1	076610100
S	48	1	076610101
M	50	1	076610102
L	52	1	076610103
XL	54	1	076610104
XXL	56	1	076610105
XXXL	58	1	076610106

7661G

stretch work Bermuda shorts, lightweight,
multipocket style,
86% nylon - 14% spandex, 140 g/m²,
anthracite grey
Rear pockets reinforced in polyester 300D,
tearproof crotch
Slim fit

CE



MEASUREMENTS	I	II	III
XS	46	1	076610000
S	48	1	076610001
M	50	1	076610002
L	52	1	076610003
XL	54	1	076610004
XXL	56	1	076610005
XXXL	58	1	076610006



7815CM

work Bermuda shorts, multipocket style, made
from T/C canvas, 260 g/m², camouflage grey,
tearproof crotch and stretch fabric inserts
in inside leg and in lumbar region for easier
movements

CE



MEASUREMENTS	I	II	III
XS	46	1	078150300
S	48	1	078150301
M	50	1	078150302
L	52	1	078150303
XL	54	1	078150304
XXL	56	1	078150305
XXXL	58	1	078150306

7831SN

stretch Bermuda shorts,
in T/C twill, 200 g/m², black
Slim fit, tearproof crotch and stretch waistband
on sides

CE



MEASUREMENTS	I	II	III
XS	46	1	078310100
S	48	1	078310101
M	50	1	078310102
L	52	1	078310103
XL	54	1	078310104
XXL	56	1	078310105
XXXL	58	1	078310106

7831ST

stretch work Bermuda shorts,
T/C twill, 250 g/m², grey
Slim fit, tearproof crotch and stretch waistband
on sides

CE



MEASUREMENTS	I	II	III
XS	46	1	078310000
S	48	1	078310001
M	50	1	078310002
L	52	1	078310003
XL	54	1	078310004
XXL	56	1	078310005
XXXL	58	1	078310006

7861G

work Bermuda shorts, lightweight, in T/C twill, 180 g/m², with Oxford inserts, grey
New design - Improved fit



Size	I	W	L
XS	46	1	078610800
S	48	1	078610801
M	50	1	078610802
L	52	1	078610803
XL	54	1	078610804
XXL	56	1	078610805
XXXL	58	1	078610806
XXXXL	60	1	078610807

7901G

work Bermuda shorts, in T/C canvas, 260 g/m², with Oxford inserts, grey
New design - Improved fit



Size	I	W	L
XS	46	1	079010800
S	48	1	079010801
M	50	1	079010802
L	52	1	079010803
XL	54	1	079010804
XXL	56	1	079010805
XXXL	58	1	079010806
XXXXL	60	1	079010807

7931G

work Bermuda shorts, 100% stretch cotton, 220 g/m²
Slim fit



Size	I	W	L
XS	46	1	079310300
S	48	1	079310301
M	50	1	079310302
L	52	1	079310303
XL	54	1	079310304
XXL	56	1	079310305
XXXL	58	1	079310306

OVERALLS



7863G

work bib and brace overalls, lightweight, in T/C twill, 180 g/m², with Oxford inserts, grey
New design - Improved fit



Size	I	W	L
XS	46	1	078630800
S	48	1	078630801
M	50	1	078630802
L	52	1	078630803
XL	54	1	078630804
XXL	56	1	078630805
XXXL	58	1	078630806
XXXXL	60	1	078630807

7903G

work bib and brace overalls, in T/C canvas, 260 g/m², with Oxford inserts, grey
New design - Improved fit



Size	I	W	L
XS	46	1	079030800
S	48	1	079030801
M	50	1	079030802
L	52	1	079030803
XL	54	1	079030804
XXL	56	1	079030805
XXXL	58	1	079030806
XXXXL	60	1	079030807

7903P

work bib and brace overalls, in T/C canvas, 260 g/m², with Oxford inserts, petrol blue



Size	I	W	L
XS	46	1	079030600
S	48	1	079030601
M	50	1	079030602
L	52	1	079030603
XL	54	1	079030604
XXL	56	1	079030605
XXXL	58	1	079030606
XXXXL	60	1	079030607

7933G

work overalls,
100% stretch cotton, 220 g/m²
Slim fit

CE *Cotton*



SIZE	QTY	SKU
XS	1	079330300
S	1	079330301
M	1	079330302
L	1	079330303
XL	1	079330304
XXL	1	079330305
XXXL	1	079330306

7865G

work overalls, lightweight,
in T/C twill, 180 g/m², with Oxford inserts, grey
New design - Improved fit

CE *Beta EASY*

LIGHT



SIZE	QTY	SKU
XS	1	078650800
S	1	078650801
M	1	078650802
L	1	078650803
XL	1	078650804
XXL	1	078650805
XXXL	1	078650806
XXXXL	1	078650807

7905G

work overalls
in T/C canvas, 260 g/m², with Oxford inserts,
grey
New design - Improved fit

Beta EASY

CE



SIZE	QTY	SKU
XS	1	079050800
S	1	079050801
M	1	079050802
L	1	079050803
XL	1	079050804
XXL	1	079050805
XXXL	1	079050806
XXXXL	1	079050807

7935G

work overalls,
100% stretch cotton, 220 g/m²
Slim fit

CE *Cotton*



SIZE	QTY	SKU
XS	1	079350300
S	1	079350301
M	1	079350302
L	1	079350303
XL	1	079350304
XXL	1	079350305
XXXL	1	079350306

WORK JACKETS



7653G

stretch work jacket, multipocket style,
90% nylon -10% spandex, 260 g/m²,
anthracite grey

CE

4-WAY STRETCH
TOP LINE



SIZE	QTY	SKU
XS	1	076530000
S	1	076530001
M	1	076530002
L	1	076530003
XL	1	076530004
XXL	1	076530005
XXXL	1	076530006

7849BL

work jacket, T/C twill, 245 g/m², blue
Stretch waistband

CE

Beta EASY



SIZE	QTY	SKU
XS	1	078490100
S	1	078490101
M	1	078490102
L	1	078490103
XL	1	078490104
XXL	1	078490105
XXXL	1	078490106
XXXXL	1	078490107

7869G

work jacket, lightweight,
in T/C twill, 180 g/m², with Oxford inserts, grey
New design - Improved fit

CE

Beta EASY

LIGHT



XS	1	078690800
S	1	078690801
M	1	078690802
L	1	078690803
XL	1	078690804
XXL	1	078690805
XXXL	1	078690806
XXXXL	1	078690807

7909G

work jacket,
in T/C canvas, 260 g/m², with Oxford inserts,
grey
New design - Improved fit

CE

Beta EASY



XS	1	079090800
S	1	079090801
M	1	079090802
L	1	079090803
XL	1	079090804
XXL	1	079090805
XXXL	1	079090806
XXXXL	1	079090807

7939G

work jacket,
100% stretch cotton, 220 g/m²
Slim fit

CE

Cotton



XS	1	079390300
S	1	079390301
M	1	079390302
L	1	079390303
XL	1	079390304
XXL	1	079390305
XXXL	1	079390306

7909B

work jacket,
in T/C canvas, 260 g/m², with Oxford inserts,
blue

CE

Beta EASY



XS	1	079090700
S	1	079090701
M	1	079090702
L	1	079090703
XL	1	079090704
XXL	1	079090705
XXXL	1	079090706
XXXXL	1	079090707

7909P

work jacket,
in T/C canvas, 260 g/m², with Oxford inserts,
petrol blue

CE

Beta EASY



XS	1	079090600
S	1	079090601
M	1	079090602
L	1	079090603
XL	1	079090604
XXL	1	079090605
XXXL	1	079090606
XXXXL	1	079090607

7949

multi-protection work jacket,
T/C twill 250 g/m², blue,
for protection from heat, flames, electric arc
effects, welding hazards and chemicals.

CE

DPI: III* Categoria
EN ISO 11611:2015 - Classe 1
EN ISO 11612:2015 - A1 B1 C1
EN 1149-5:2018
EN13034:2005+A1:2009 - Type 6
IEC 61482-2:2018 - APC 1



XS	1	079490000
S	1	079490001
M	1	079490002
L	1	079490003
XL	1	079490004
XXL	1	079490005
XXXL	1	079490006
XXXXL	1	079490007

7909V

work jacket,
in T/C canvas, 260 g/m², with Oxford inserts,
green

CE

Beta EASY



XS	1	079090500
S	1	079090501
M	1	079090502
L	1	079090503
XL	1	079090504
XXL	1	079090505
XXXL	1	079090506
XXXXL	1	079090507



SLEEVELESS JACKETS



7575N

sleeveless softshell jacket,
90% nylon, 10% stretch fabric, 250 g/m²



SIZE	QTY	SKU
S	1	075750301
M	1	075750302
L	1	075750303
XL	1	075750304
XXL	1	075750305
XXXL	1	075750306

7579QN

sleeveless work jacket, multipocket style,
made from double material.
100% waterproof nylon 300D and softshell
fabric, 96% polyester, 4% spandex, polyester-
padded, 160 g/m²
black/anthracite grey

CE



SIZE	QTY	SKU
S	1	075790201
M	1	075790202
L	1	075790203
XL	1	075790204
XXL	1	075790205
XXXL	1	075790206

Beta

7673NG

sleeveless work jacket with GRAPHENE
padding, 80 g/m²,
front reinforced in softshell fabric - 96%
polyester, 4% spandex; back made of 100%
nylon 20D

anthracite grey (front), black (back)
Stretch insert on armhole
Antistatic, antibacterial, windproof

CE



SIZE	QTY	SKU
S	1	076730001
M	1	076730002
L	1	076730003
XL	1	076730004
XXL	1	076730005
XXXL	1	076730006

7867G

sleeveless work jacket, lightweight,
in T/C twill, 180 g/m², with Oxford inserts, grey
New design - Improved fit

CE



SIZE	QTY	SKU
XS	1	078670800
S	1	078670801
M	1	078670802
L	1	078670803
XL	1	078670804
XXL	1	078670805
XXXL	1	078670806
XXXXL	1	078670807

7907G

sleeveless work jacket,
in T/C canvas, 260 g/m², with Oxford inserts,
grey

New design - Improved fit

CE

Beta EASY



SIZE	QTY	SKU
XS	1	079070800
S	1	079070801
M	1	079070802
L	1	079070803
XL	1	079070804
XXL	1	079070805
XXXL	1	079070806
XXXXL	1	079070807

7907P

sleeveless work jacket,
in T/C canvas, 260 g/m², with Oxford inserts,
petrol blue

CE

Beta EASY



SIZE	QTY	SKU
XS	1	079070600
S	1	079070601
M	1	079070602
L	1	079070603
XL	1	079070604
XXL	1	079070605
XXXL	1	079070606
XXXXL	1	079070607

Beta

JACKETS



7658CM

softshell jacket, 94% polyester, 6% spandex, 290 g/m², camouflage grey
With waterproof, windproof, breathable TPU membrane
(resistance to water columns up to 8,000 mm - breathability 8,000 mvp)



Size	Code
S	1 076580101
M	1 076580102
L	1 076580103
XL	1 076580104
XXL	1 076580105
XXXL	1 076580106

7658N

softshell jacket, 94% polyester, 6% spandex, 290 g/m², anthracite grey
With waterproof, windproof, breathable TPU membrane (resistance to water columns up to 8,000 mm - breathability 8,000 mvp)



Size	Code
S	1 076580001
M	1 076580002
L	1 076580003
XL	1 076580004
XXL	1 076580005
XXXL	1 076580006

7659N

softshell jacket, 94% polyester, 6% spandex, 290 g/m², with detachable hood and sleeves, black
With waterproof, windproof, breathable TPU membrane (resistance to water columns up to 8,000 mm - breathability 8,000 mvp)



Size	Code
S	1 076590001
M	1 076590002
L	1 076590003
XL	1 076590004
XXL	1 076590005
XXXL	1 076590006

7669N

stretch work jacket, lightweight, multipocket style, 86% nylon, 14% spandex, 140 g-m², black
With detachable sleeves and retractable hood.
Water-resistant, wind-stopping



Size	Code
XS	1 076690000
S	1 076690001
M	1 076690002
L	1 076690003
XL	1 076690004
XXL	1 076690005
XXXL	1 076690006

7670G

Anorak jacket made of Oxford polyester 300D, waterproof, PU-coated, anthracite grey
With detachable hood and reinforced sleeves.
Waterproof, windproof and breathable
(resistance to water columns up to 2,000 mm - breathability 2,000 mvp)
Polyester 210T lining, polyester padding, 120 g/m² body, 100 g/m² sleeves



Size	Code
S	1 076700001
M	1 076700002
L	1 076700003
XL	1 076700004
XXL	1 076700005
XXXL	1 076700006

7674NG

work quilted jacket with GRAPHENE padding, 80 g/m²,
front and forearms reinforced in softshell fabric - 96% polyester, 4% spandex, back and sleeves made of 100% nylon 20D anthracite grey (front), black (back)
stretch cuffs
Antistatic, antibacterial, windproof



Size	Code
S	1 076740001
M	1 076740002
L	1 076740003
XL	1 076740004
XXL	1 076740005
XXXL	1 076740006

7780QN

work bomber jacket, multipocket style, made from double material.
100% waterproof nylon 300D and softshell fabric, 96% polyester, 4% spandex, polyester padding, 160 g/m²
with fixed hood
black/anthracite grey

CE



XS	1 077800201
S	1 077800202
M	1 077800203
L	1 077800204
XL	1 077800205
XXL	1 077800206

7904N

work bomber jacket, padded, made of T/C canvas, 270 g/m², "Oxford" inserts, black
Polyester padding, 140 g/m²

CE

Beta EASY



XS	1 079040800
S	1 079040801
M	1 079040802
L	1 079040803
XL	1 079040804
XXL	1 079040805
XXXL	1 079040806
XXXXL	1 079040807

FLEECE



7637G

technical sweatshirt, long-zipped, 250 g/m², with hood fleece, 100% polyester, with inserts made from softshell fabric 100D, with bound fleece, 270 g/m²
melange grey/black



XS	1 076370000
S	1 076370001
M	1 076370002
L	1 076370003
XL	1 076370004
XXL	1 076370005
XXXL	1 076370006

7635N

microfleece sweater, short-zipped, 180 g/m²
black



XS	1 076350500
S	1 076350501
M	1 076350502
L	1 076350503
XL	1 076350504
XXL	1 076350505
XXXL	1 076350506

7654B

stretch microfleece sweater, short-zipped, 180 g/m², blue
95% polyester, 5% spandex



XS	1 076540100
S	1 076540101
M	1 076540102
L	1 076540103
XL	1 076540104
XXL	1 076540105
XXXL	1 076540106

7654N

stretch microfleece sweater, short-zipped, 180 g/m², black
95% polyester, 5% spandex



XS	1 076540000
S	1 076540001
M	1 076540002
L	1 076540003
XL	1 076540004
XXL	1 076540005
XXXL	1 076540006

7657B

stretch fleece sweater, long-zipped, 280 g/m², blue
95% polyester, 5% spandex



XS	1 076570100
S	1 076570101
M	1 076570102
L	1 076570103
XL	1 076570104
XXL	1 076570105
XXXL	1 076570106



7657N

stretch fleece sweater, long-zipped, 280 g/m², black
95% polyester, 5% spandex



XS	1	076570000
S	1	076570001
M	1	076570002
L	1	076570003
XL	1	076570004
XXL	1	076570005
XXXL	1	076570006

7664G

sweatshirt, long-zipped, 280 g/m², grey
60% cotton, 40% polyester



XS	1	076640100
S	1	076640101
M	1	076640102
L	1	076640103
XL	1	076640104
XXL	1	076640105
XXXL	1	076640106

7664N

sweatshirt, long-zipped, 280 g/m², black
60% cotton, 40% polyester



XS	1	076640000
S	1	076640001
M	1	076640002
L	1	076640003
XL	1	076640004
XXL	1	076640005
XXXL	1	076640006

7665G

hoodie, long-zipped, 280 g/m², grey
60% cotton, 40% polyester



XS	1	076650100
S	1	076650101
M	1	076650102
L	1	076650103
XL	1	076650104
XXL	1	076650105
XXXL	1	076650106

7665N

hoodie, long-zipped, 280 g/m², black
60% cotton, 40% polyester



XS	1	076650000
S	1	076650001
M	1	076650002
L	1	076650003
XL	1	076650004
XXL	1	076650005
XXXL	1	076650006



SHIRT & T-SHIRT

7545F

flannel check work shirt,
made from 100% cotton, 190 g/m²



XS	1	075450200
S	1	075450201
M	1	075450202
L	1	075450203
XL	1	075450204
XXL	1	075450205
XXXL	1	075450206

7547AZ

three-button polo shirt,
100% cotton, 200 g/m², light blue



XS	2	075470500
S	2	075470501
M	2	075470502
L	2	075470503
XL	2	075470504
XXL	2	075470505
XXXL	2	075470506

7547BL

three-button polo shirt,
100% cotton, 200 g/m², blue



XS	2	075470200
S	2	075470201
M	2	075470202
L	2	075470203
XL	2	075470204
XXL	2	075470205
XXXL	2	075470206

7547G

three-button polo shirt,
100% cotton, 200 g/m², grey



XS	2	075470300
S	2	075470301
M	2	075470302
L	2	075470303
XL	2	075470304
XXL	2	075470305
XXXL	2	075470306

7547N

three-button polo shirt,
100% cotton, 200 g/m², black



XS	2	075470400
S	2	075470401
M	2	075470402
L	2	075470403
XL	2	075470404
XXL	2	075470405
XXXL	2	075470406

7547R

three-button polo shirt,
100% cotton, 200 g/m², red



XS	2	075470600
S	2	075470601
M	2	075470602
L	2	075470603
XL	2	075470604
XXL	2	075470605
XXXL	2	075470606

7549AZ

work t-shirt, 100% cotton, 150 g/m², light blue



XS	5	075490500
S	5	075490501
M	5	075490502
L	5	075490503
XL	5	075490504
XXL	5	075490505
XXXL	5	075490506

7549BL

work t-shirt, 100% cotton, 150 g/m², blue



XS	5	075490200
S	5	075490201
M	5	075490202
L	5	075490203
XL	5	075490204
XXL	5	075490205
XXXL	5	075490206

7549G

work t-shirt, 100% cotton, 150 g/m², grey



XS	5	075490300
S	5	075490301
M	5	075490302
L	5	075490303
XL	5	075490304
XXL	5	075490305
XXXL	5	075490306

7549NE

work t-shirt, made from 100% cotton,
150 g/m², black



XS	5	075490700
S	5	075490701
M	5	075490702
L	5	075490703
XL	5	075490704
XXL	5	075490705
XXXL	5	075490706

7549N

work t-shirt, 100% cotton, 150 g/m², black



XS	5	075490400
S	5	075490401
M	5	075490402
L	5	075490403
XL	5	075490404
XXL	5	075490405
XXXL	5	075490406

7549R

work t-shirt, 100% cotton, 150 g/m², red



XS	5	075490600
S	5	075490601
M	5	075490602
L	5	075490603
XL	5	075490604
XXL	5	075490605
XXXL	5	075490606

7550G

technical work t-shirt, made from polyester, 120 g/m², with 37.5° technology, grey with black, orange and reflex details



XS	1	075500400
S	1	075500401
M	1	075500402
L	1	075500403
XL	1	075500404
XXL	1	075500405
XXXL	1	075500406

7550N

technical work t-shirt, made from polyester, 120 g/m² with 37.5° technology, black with grey, orange and reflex details



XS	1	075500500
S	1	075500501
M	1	075500502
L	1	075500503
XL	1	075500504
XXL	1	075500505
XXXL	1	075500506

7557BL

three-button polo shirt, long-sleeved, 100% cotton, 200 g/m², blue



XS	1	075570200
S	1	075570201
M	1	075570202
L	1	075570203
XL	1	075570204
XXL	1	075570205
XXXL	1	075570206

RAIN

7970

waterproof trousers in PVC Tricot, blue

CE



EN 343

XS	1	079700000
S	1	079700001
M	1	079700002
L	1	079700003
XL	1	079700004
XXL	1	079700005
XXXL	1	079700006

7971L

waterproof trousers, made of PVC-coated polyester, with thermo-taped seams, blue
With elastic waistband and adjustable press-stud leg bottom

CE



EN 343

XS	1	079710100
S	1	079710101
M	1	079710102
L	1	079710103
XL	1	079710104
XXL	1	079710105
XXXL	1	079710106

7978L

waterproof full-length jacket, made of PVC-coated polyester, with fixed hood and thermo-taped seams, blue
Fitted with press studs for use as a 3/4 length jacket

CE



EN 343

XS	1	079780100
S	1	079780101
M	1	079780102
L	1	079780103
XL	1	079780104
XXL	1	079780105
XXXL	1	079780106

Beta

7979

waterproof jacket in PVC Tricot, blue

CE



EN 343

Size	Code
S	1 079790001
M	1 079790002
L	1 079790003
XL	1 079790004
XXL	1 079790005
XXXL	1 079790006

UNDERWEAR

7996N

technical underwear set - technical undershirt, long-sleeved + technical underpants, 92% polyester, 8% spandex, 160 g/m², black



Size	Code
XS-S	1 079960000
M-L	1 079960002
XL-XXL	1 079960004

ACCESSORIES

7800G

work knee pads pair



7800G 1 078000500

7980N

rainproof cap
100% PU-coated polyester
with water-repellent treatment



L = Ø 58 cm 1 079800058
XL = Ø 60 cm 1 079800060

7980NC

fleece winter cap, 100% polyester, reversible (double-faced), camouflage black



7980NC 10 079800112

7980R

cuffed winter cap, 100% acrylic, 3M Thinsulate™ padding, black



7980R 10 079800111

7984EG

stretch fabric work belt with satin-finished zinc metal hook buckle, one size; length: 120 cm, can be shortened; width: 37 mm, grey



7984EG 1 079840520

7984G

work belt, 100% TPE, with chrome-plated zinc metal buckle
one size fits all; length: 125 cm, can be shortened; width: 35 mm, black



7984G 1 079840525

7985

neck warmer made of microfleece, with adjuster, black
can also be used as a cap



7985 10 079850111

7104 90

plastic posts with fillable bases



7104 90 H mm 90 4 071040004

7105 6

plastic barrier chain



7105 6 Ø mm 6 L m 25 1 071050006

7109A

aluminium warning signs



	H mm		
7109A1	140	1	071090001
7109A2	140	1	071090002
7109A3	140	1	071090003
7109A4	140	1	071090004

7109D

prohibition signs



	H mm		
7109D1	115	1	071090051
7109D2	115	1	071090052
7109D3	115	1	071090053

7195A

dust mask

CE



7195A	10	071950004
-------	----	-----------

7061TC

safety glasses with clear polycarbonate lenses

CE

EASY



EN166:2001
EN170
2C-1.2 1F

7061TC	1	070610001
--------	---	-----------

7076BC

safety glasses with clear polycarbonate lenses

CE

SPORT



EN166:2001
EN172
5-1.7 1F

7076BC	1	070760009
--------	---	-----------

7076BD

safety glasses with polycarbonate lenses

CE

SPORT



EN166:2001
EN172
5-3.1 1F

7076BD	1	070760019
--------	---	-----------

7076BP

safety glasses with polarized polycarbonate lenses

CE

SPORT



EN ISO 12312-1:2013+A1:2015
EN 1836
3P

7076BP	1	070760029
--------	---	-----------

7076BU

safety glasses with orange polycarbonate lenses

CE



EN ISO 12311:2013
UV 500

7076BU	1	070760039
--------	---	-----------

7093BC

safety glasses with clear polycarbonate lenses

CE

IMPACT



EN166:2001
EN170
2C-1.2 1F

7093BC	1	070930009
--------	---	-----------

7093BD

safety glasses with dark polycarbonate lenses

CE

IMPACT



EN166:2001
EN172
5-3.1 1F

7093BD	1	070930019
--------	---	-----------



C62M/W

mannequin



185
cm

65 cm

C62M/W	1	062000360
--------	---	-----------

6200M/B

spare glass bases for mannequins C62M/W



6200M/B	1	062000361
---------	---	-----------

C64

wall display for clothing and footwear, empty



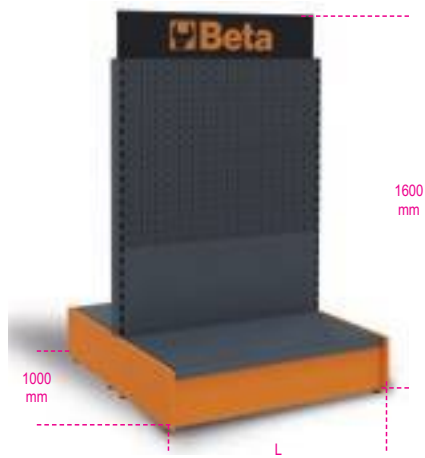
2400
mm

580
mm

L		
1 m	1	064000021
2 m	1	064000022
3 m	1	064000023
4 m	1	064000024

C64G

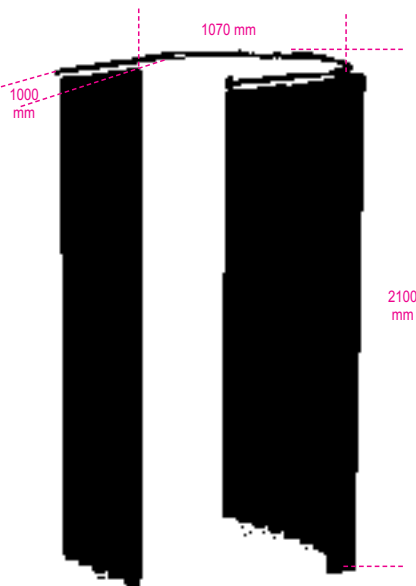
"gondola" display for clothing and footwear, empty



L
1 m 1 064000051
2 m 1 064000052

C64CW

dressing room



C64CW 1 064000610

6200AP/S10

set of 10 hangers



6200AP/S10 1 062000331

6800BA



6800BA 1 068000130

6800RS



6800RS 1 068000135

6888GS

footwear hook for display C64



6888GS 2 068880122
170x120 mm

6888GW

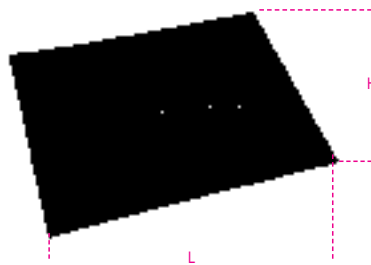
hook for display C64



6888GW 2 068880121
400 mm

9562TB

mat for trying on shoes, with anti-skid, rubber-coated bottom



9562TB L H
800 mm 600 mm 1 095620500

9565S

sheet steel drum with seat made of removable imitation leather



9565S H ø
60 cm 38 cm 2 095650300

Beta



Robur

Since 1930 Robur has been manufacturing accessory lines for cables according to the acknowledged quality standards of Beta Utensili, whose products are complementary to those of Robur.

Expertise, organization and technology are the key ingredients of ongoing growth resulting from awareness of market requirements.

Since 1984 Robur has been headquartered in a state-of-the-art production facility in Sulmona.

 **special free service boxes**

MAXIMUM WORKING LOAD

WLL: working load limit (for lifting accessories)

WFL: workforce limit (for accessories other than lifting accessories)

BF: maximum force achieved by the item during the static traction test

LC: lashing capacity

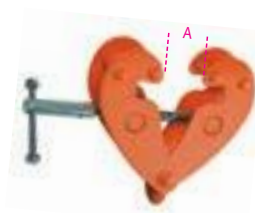
8147P

new item 2023

beam clamps for manual hoists

suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

CE



EN13157

Technical data:

- Safety factor: 4
 - Identification tag
- Available certificates:
- Manufacturer's Certificate
 - CE Declaration of Conformity
 - Test report UNI EN10204 type 2.2
 - Technical product specifications

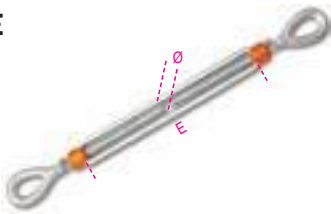
size	WLL t	A min mm	A max mm	price	code number
	1,0	90	180		1 081470210
	2,0	90	190		1 081470220
n.° of tools	3,0	85	280		1 081470230
per box	5,0	85	280		1 081470250

price

code number

8105
eye and eye turnbuckles
high tensile steel, hot dip galvanized

CE



UNI11841:2022

TECHNICAL DATA

- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, eyes: hardening and tempering

LABORATORY TESTS

- chemical analysis
- tensile test

- proof load test 2 x WFL

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ØxE "	≈ mm	WFL kg		
3/8x6	M10x150	540	5	081050010
1/2x6	M12x150	1000	5	081050011
1/2x9	M12x230	1000	5	081050012
5/8x6	M16x150	1590	2	081050014
5/8x12	M16x300	1590	2	081050015
5/8x9	M16x230	1590	2	081050016
3/4x6	M20x150	2360	2	081050017
3/4x12	M20x300	2360	2	081050018
3/4x9	M20x230	2360	2	081050020
3/4x18	M20x460	2360	2	081050021
7/8x12	M22x300	3270	1	081050022
1x6	M24x150	4540	1	081050024
1x12	M24x300	4540	1	081050025
1x18	M24x460	4540	1	081050026
1.1/4x12	M33x300	6900	1	081050031
1.1/4x18	M33x460	6900	1	081050032
1.1/2x12	M39x300	9710	1	081050034
1.1/2x18	M39x460	9710	1	081050035
1.3/4x18	M45x460	12700	1	081050036

Other sizes available upon request

special free service boxes

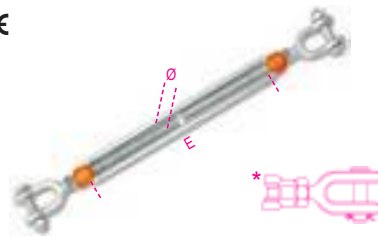


ØxE "			
3/8x6	1	1	081059010
1/2x9	1	1	081059012

Robur

8109
jaw and jaw turnbuckles
high tensile steel, hot dip galvanized

CE



UNI 11841:2022

TECHNICAL DATA

- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, jaws: hardening and tempering

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ØxE "	≈ mm	WFL kg		
3/8x6	M10x150	540	5	081090010
1/2x6	M12x150	1000	5	081090011
1/2x9	M12x230	1000	5	081090012
1/2x12	M12x300	1000	5	081090013
5/8x6	M16x150	1590	2	081090015
5/8x9	M16x230	1590	2	081090016
5/8x12	M16x300	1590	2	081090017
3/4x6	M20x150	2360	2	081090018
3/4x9	M20x230	2360	2	081090020
3/4x12	M20x300	2360	2	081090019
3/4x18	M20x460	2360	2	081090021
7/8x12	M22x300	3270	1	081090022
7/8x18	M22x460	3270	1	081090023
1x6	M24x150	4540	1	081090024
1x12	M24x300	4540	1	081090025
1x18	M24x460	4540	1	081090026
* 1.1/4x12	M33x300	6900	1	081090031
* 1.1/4x18	M33x460	6900	1	081090032
* 1.1/4x24	M33x610	6900	1	081090033
* 1.1/2x12	M39x300	9710	1	081090034
* 1.1/2x18	M39x460	9710	1	081090038
* 1.1/2x24	M39x610	9710	1	081090039
* 1.3/4x18	M45x460	12700	1	081090036

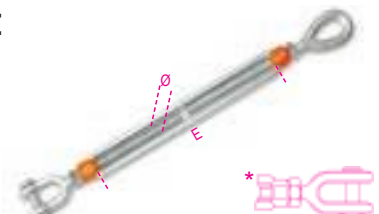
special free service boxes



ØxE "			
3/8x6	1	1	081099010
1/2x9	1	1	081099012

8110
eye and jaw turnbuckles, high-tensile steel,
hot dip galvanized

CE



UNI 11841:2022

TECHNICAL DATA

- safety factor: 5
- turnbuckle body treatment: normalizing
- turnbuckle eye treatment: hardening and tempering

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

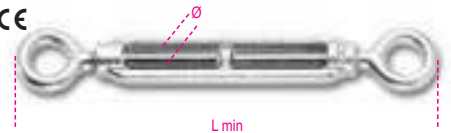
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØxE "	≈ mm	WFL kg		
1/2x6	M12x150	1000	5	081100006
1/2x9	M12x230	1000	5	081100010
5/8x6	M16x150	1590	2	081100014
5/8x9	M16x230	1590	2	081100015
5/8x12	M16x300	1590	2	081100016
3/4x6	M20x150	2360	2	081100019
3/4x9	M20x230	2360	2	081100020
3/4x12	M20x300	2360	2	081100021
7/8x12	M22x300	3270	1	081100022
1x6	M24x150	4540	1	081100027
1x12	M24x300	4540	1	081100029
*1.1/4x12	M33x300	6900	1	081100034
*1.1/4x18	M33x460	6900	1	081100035
*1.1/2x12	M39x300	9710	1	081100038
*1.1/2x18	M39x460	9710	1	081100039
*1.3/4x18	M45x460	12700	1	081100044

* Jaw with through pin and split pin

8005Z
eye and eye turnbuckles,
galvanized

CE



TECHNICAL DATA

- safety factor: 4

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg		
M5	3/16	118	115	400	080050105
M6	1/4	130	160	300	080050106
M8	5/16	158	300	200	080050108
M10	3/8	192	470	100	080050110
M11	7/16	206	580	80	080050111
M12	1/2	226	690	60	080050112
M14	9/16	256	940	15	080050114
M16	5/8	290	1290	10	080050116
M18	11/16	358	1660	1	080050118
M20	3/4	358	2130	1	080050120
M22	7/8	400	2630	1	080050122
M24	1"	436	3060	1	080050124
M27	1 1/8	474	4000	1	080050125
M30	1 1/4	498	4860	1	080050130
M33	1 1/4	516	6040	1	080050126
M36	1 3/8	532	6500	1	080050136
M39	1 1/2	544	7900	1	080050139

Whitworth thread subject to availability
New batches with metric thread

Robur

special packaging

Ø mm	≈ "	WFL kg	📦	🚚	📄
M5	3/16	30	1	080050705	
M6	1/4	30	1	080050706	
M8	5/16	20	1	080050708	
M10	3/8	15	1	080050710	
M11	7/16	15	1	080050711	
M12	1/2	15	1	080050712	

special free service boxes

Ø mm	≈ "	WFL kg	📦	🚚	📄
M5	2	1	080059305		
M6	2	1	080059306		
M8	1	1	080059108		
M10	1	1	080059110		
M11	1	1	080059111		
M12	1	1	080059112		
M14	1	1	080059114		
M16	1	1	080059116		

8005T2

hot-forged eye and eye turnbuckles
pipe bodies,galvanized



TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

• CE Declaration of Conformity

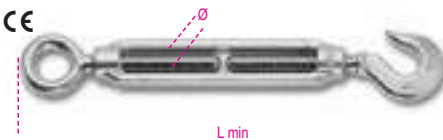
Ø mm	≈ "	WFL kg	📦	🚚	📄
M12	1/2	690	15	080050512	
M16	5/8	1290	1	080050516	
M20	3/4	2130	1	080050520	
M24	1"	3060	1	080050524	
M27	1.1/8	4000	1	080050527	
M30	1.3/16	4860	1	080050530	
M36	1.3/8	6500	1	080050536	

special free service boxes

Ø mm	≈ "	WFL kg	📦	🚚	📄
M12	1	1	080059512		

8006Z

hook and eye turnbuckles,
galvanized



TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2
• CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg	📦	🚚
M5	3/16	121	25	400	080060105
M6	1/4	132	45	250	080060106
M8	5/16	170	95	180	080060108
M10	3/8	204	140	100	080060110
M11	7/16	221	165	15	080060111
M12	1/2	244	300	15	080060112
M14	9/16	284	420	10	080060114
M16	5/8	322	570	1	080060116
M18	11/16	373	700	1	080060118
M20	3/4	391	900	1	080060120
M22	7/8	433	1100	1	080060122
M24	1"	470	1300	1	080060124
M27	1.1/8	503	2300	1	080060127

special packaging

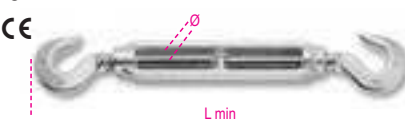
Ø mm	≈ "	WFL kg	📦	🚚	📄
M5	3/16	30	1	080060705	
M6	1/4	30	1	080060706	
M8	5/16	20	1	080060708	
M10	3/8	15	1	080060710	

special free service boxes

Ø mm	≈ "	WFL kg	📦	🚚	📄
M5	2	1	080069305		
M6	2	1	080069306		
M8	1	1	080069108		
M10	1	1	080069110		
M11	1	1	080069111		
M12	1	1	080069112		
M14	1	1	080069114		

8007Z

hook and hook turnbuckles,
galvanized



TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2
• CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg	📦	🚚
M5	3/16	124	25	30	080070105
M6	1/4	134	45	30	080070106
M8	5/16	181	95	20	080070108
M10	3/8	211	140	15	080070110
M11	7/16	231	165	15	080070111
M12	1/2	262	300	15	080070112

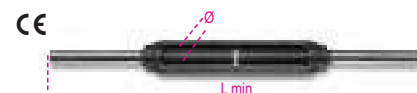
Ø mm	≈ "	L min mm	WFL kg	📦	🚚
M14	9/16	312	420	1	080070114
M16	5/8	354	570	1	080070116
M18	11/16	388	700	1	080070118
M20	3/4	424	900	1	080070120
M22	7/8	466	1100	1	080070122
M24	1"	504	1300	1	080070124
M27	1.1/8	532	2300	1	080070127

special free service boxes

Ø mm	≈ "	WFL kg	📦	🚚	📄
M5	2	1	080079305		
M6	2	1	080079306		
M8	1	1	080079108		
M10	1	1	080079110		
M11	1	1	080079111		
M12	1	1	080079112		

8008N

stub and stub turnbuckles
self-coloured



TECHNICAL DATA

- safety coefficient: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2
• CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg	📦	🚚
M5	3/16	160	115	30	080080205
M6	1/4	180	160	30	080080206
M8	5/16	210	300	20	080080208
M10	3/8	250	470	15	080080210
M12	1/2	280	690	15	080080212
M14	9/16	340	940	5	080080214
M16	5/8	380	1290	5	080080216
M18	11/16	410	1660	3	080080218
M20	3/4	440	2130	3	080080220
M22	7/8	480	2630	2	080080222
M24	1"	520	3060	2	080080224
M27	1.1/8	560	4000	1	080080227
M30	1.3/16	560	4860	1	080080230
M33	1.1/4	600	6040	1	080080233
M36	1.3/8	600	6500	1	080080236
M39	1.1/2	600	7900	1	080080239

Whitworth thread subject to availability
New batches with metric thread

special free service boxes

Ø mm	≈ "	WFL kg	📦	🚚	📄
M5	2	1	080089305		
M6	2	1	080089306		
M8	1	1	080089208		
M10	1	1	080089210		
M12	1	1	080089212		
M14	1	1	080089214		

Robur

8008TZN

stub and stub turnbuckles,
pipe bodies DIN 1478,
self-coloured terminals, galvanised bodies



TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

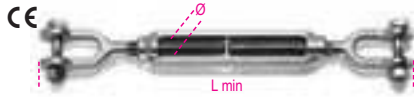
AVAILABLE CERTIFICATES

- Product specifications
- Test report type 2.2 UNI EN10204
- CE Declaration of Conformity

Ø mm	≈ "	WFL kg	10	800080512
M12	1/2	690	10	080080512
M16	5/8	1290	1	080080516
M20	3/4	2130	1	080080520
M24	1	3060	1	080080524
M27	1.1/8	4000	1	080080527
M30	1.3/16	4860	1	080080530
M36	1.3/8	6500	1	080080536

8009Z

jaw and jaw turnbuckles,
galvanized



TECHNICAL DATA

- safety coefficient: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg	15	800090008
M8	5/16	192	300	15	080090008
M10	3/8	234	470	15	080090010
M12	1/2	274	690	15	080090012
M14	9/16	342	940	1	080090014
M16	5/8	372	1290	1	080090016
M18	11/16	406	1660	1	080090018
M20	3/4	406	2130	1	080090020
M22	7/8	466	2630	1	080090022
M24	1"	486	3060	1	080090024
M27	1 1/8	510	4000	1	080090027
M30	1 3/16	566	4860	1	080090030

special free service boxes

Ø mm	1	1	800099008
M8	1	1	080099008
M10	1	1	080099010
M12	1	1	080099012

8009TZ

jaw and jaw turnbuckles,
pipe bodies, DIN 1478
galvanized



TECHNICAL DATA

- safety coefficient: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- CE Declaration of Conformity

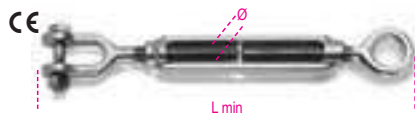
Ø mm	≈ "	WFL kg	10	800090512
M12	1/2	690	10	080090512
M16	5/8	1290	1	080090516
M20	3/4	2130	1	080090520
M24	1	3060	1	080090524
M27	1.1/8	4000	1	080090527
M30	1.3/16	4860	1	080090530

special free service boxes

Ø mm	1	1	800099512
M12	1	1	800099512

8010Z

eye and jaw turnbuckles,
galvanized



TECHNICAL DATA

- safety coefficient: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg	20	800100008
M8	5/16	175	300	20	800100008
M10	3/8	215	470	15	080100010
M12	1/2	250	690	10	080100012
M14	9/16	299	940	10	080100014
M16	5/8	331	1290	1	080100016
M18	11/16	382	1660	1	080100018
M20	3/4	382	2130	1	080100020
M22	7/8	433	2630	1	080100022
M24	1"	461	3060	1	080100024
M27	1 1/8	492	4000	1	080100027
M30	1 3/16	529	4860	1	080100030

special free service boxes

Ø mm	1	1	800109008
M8	1	1	800109008
M10	1	1	800109010
M12	1	1	800109012
M14	1	1	800109014

8010TZ

eye and jaw turnbuckles,
pipe bodies DIN 1478,
galvanized



TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS • chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Production specifications
- Test report type 2.2 UNI EN10204
- CE Declaration of Conformity

Ø mm	≈ "	WFL kg	10	800100612
M12	1/2	690	10	080100612
M16	5/8	1290	1	080100616
M20	3/4	2130	1	080100620
M24	1	3060	1	080100624
M27	1.1/8	4000	1	080100627
M30	1.3/16	4860	1	080100630

8001Z

turnbuckle bodies,
galvanized



TECHNICAL DATA

- safety factor: 4
- traceability code
- LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L mm	WFL kg	100	800101105
M5	3/16	80	115	100	800101105
M6	1/4	80	160	100	800101106
M8	5/16	105	300	25	080010108
M10	3/8	125	470	20	080010110
M11	7/16	135	580	15	080010111
M12	1/2	140	690	20	080010112
M14	9/16	170	940	15	080010114
M16	5/8	190	1290	15	080010116
M18	11/16	205	1660	10	080010118
M20	3/4	220	2130	10	080010120
M22	7/8	240	2630	8	080010122
M24	1"	260	3060	5	080010124
M27	1 1/8	270	4000	1	080010127
M30	1 3/16	280	4860	1	080010130
M33	1 1/4	290	6040	1	080010133
M36	1 3/8	300	6500	1	080010136
M39	1 1/2	300	7900	1	080010139

Whitworth thread subject to availability
New batches with metric thread

special free service boxes

Ø mm	2	1	800019305
M5	2	1	800019305
M6	2	1	080019306
M8	1	1	080019108
M10	1	1	080019110
M11	1	1	080019111
M12	1	1	080019112
M14	1	1	080019114
M16	1	1	080019116
M18	1	1	080019118
M20	1	1	080019120
M22	1	1	080019122
M24	1	1	080019124

8001TZ

pipe turnbuckle bodies,
galvanized

CE



DIN 1478

TECHNICAL DATA

- safety factor: 4
- traceability code

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L mm	WFL kg		
M12	1/2	125	690	10	080010512
M16	5/8	170	1290	5	080010516
M20	3/4	200	2130	5	080010520
M24	1	255	3060	3	080010524
* M27	1.1/8	255	4000	1	080010527
M30	1.3/16	255	4860	1	080010530
M36	1.3/8	295	6500	1	080010536
M42	1.5/8	330	9700	1	080010542

* Sizes not contemplated by the standard

special free service boxes



Ø mm			
M12	1	1	080019512
M16	1	1	080019516
M20	1	1	080019520
M24	1	1	080019524

8002ZD

turnbuckle eyes
right thread, galvanized



TECHNICAL DATA

- safety factor: 4

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	37	115	200	080020105
M6	1/4	40	160	150	080020106
M8	5/16	52	300	100	080020108
M10	3/8	60	470	100	080020110
M11	7/16	65	580	1	080020111
M12	1/2	72	690	50	080020112
M14	9/16	85	940	1	080020114
M16	5/8	95	1290	1	080020116
M18	11/16	103	1660	1	080020118
M20	3/4	110	2130	1	080020120
M22	7/8	120	2630	1	080020122
M24	1"	130	3060	1	080020124
M27	1.1/8	135	4000	1	080020127
M30	1.3/16	140	4860	1	080020130
M33	1.1/4	148	6040	1	080020133
M36	1.3/8	150	6500	1	080020136
M39	1.1/2	150	7900	1	080020139

Whitworth thread subject to availability
New batches with metric thread

left-handed thread

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	37	115	1	080020305
M6	1/4	40	160	1	080020306
M8	5/16	52	300	1	080020308
M10	3/8	60	470	1	080020310
M11	7/16	65	580	1	080020311
M12	1/2	72	690	1	080020312
M14	9/16	85	940	1	080020314
M16	5/8	95	1290	1	080020316
M18	11/16	103	1660	1	080020318
M20	3/4	110	2130	1	080020320
M22	7/8	120	2630	1	080020322
M24	1"	130	3060	1	080020324
M27	1.1/8	135	4000	1	080020327
M30	1.3/16	140	4860	1	080020330
M33	1.1/4	148	6040	1	080020333
M36	1.3/8	150	6500	1	080020336
M39	1.1/2	150	7900	1	080020339

8003ZD

turnbuckle hooks
right thread, galvanized

CE



TECHNICAL DATA

- safety factor: 4

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

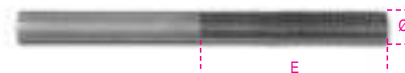
Ø mm	≈ "	E mm	WFL kg		
M5	3/16	40	25	150	080030105
M6	1/4	40	45	120	080030106
M8	5/16	52	95	100	080030108
M10	3/8	60	140	70	080030110
M11	7/16	65	165	1	080030111
M12	1/2	70	300	30	080030112
M14	9/16	85	420	1	080030114
M16	5/8	95	570	1	080030116
M18	11/16	103	700	1	080030118
M20	3/4	110	900	1	080030120
M22	7/8	120	1100	1	080030122
M24	1"	130	1300	1	080030124
M27	1.1/8	135	2300	1	080030127

left-handed thread

Ø mm	≈ "	WFL kg	E mm		
M5	3/16	40	25	1	080030305
M6	1/4	40	45	1	080030306
M8	5/16	52	95	1	080030308
M10	3/8	60	140	1	080030310
M11	7/16	65	165	1	080030311
M12	1/2	70	300	1	080030312
M14	9/16	85	420	1	080030314
M16	5/8	95	570	1	080030316
M18	11/16	103	700	1	080030318
M20	3/4	110	900	1	080030320
M22	7/8	120	1100	1	080030322
M24	1"	130	1300	1	080030324
M27	1.1/8	135	2300	1	080030327

8004ND

turnbuckle stubs
right-handed thread, self-coloured



TECHNICAL DATA

- safety factor: 4

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	40	115	1	080040005
M6	1/4	44	160	1	080040006
M8	5/16	53	300	1	080040008
M10	3/8	63	470	1	080040010
M12	1/2	70	690	1	080040012
M14	9/16	85	940	1	080040014
M16	5/8	95	1290	1	080040016
M18	11/16	103	1660	1	080040018
M20	3/4	110	2130	1	080040020
M22	7/8	120	2630	1	080040022
M24	1"	130	3060	1	080040024
M27	1.1/8	135	4000	1	080040027
M30	1.3/16	140	4860	1	080040030
M33	1.1/4	150	6040	1	080040033
M36	1.3/8	150	6500	1	080040036
M39	1.1/2	150	7900	1	080040039

Whitworth thread subject to availability
New batches with metric thread

left-handed thread

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	40	115	1	080040105
M6	1/4	44	160	1	080040106
M8	5/16	53	300	1	080040108
M10	3/8	63	470	1	080040110
M12	1/2	70	690	1	080040112
M14	9/16	85	940	1	080040114
M16	5/8	95	1290	1	080040116
M18	11/16	103	1660	1	080040118
M20	3/4	110	2130	1	080040120
M22	7/8	120	2630	1	080040122
M24	1"	130	3060	1	080040124
M27	1.1/8	135	4000	1	080040127
M30	1.3/16	140	4860	1	080040130
M33	1.1/4	150	6040	1	080040133
M36	1.3/8	150	6500	1	080040136
M39	1.1/2	150	7900	1	080040139



8009FD

turnbuckle jaws
right-handed thread, galvanized



TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg		
M8	5/16	53	300	1	080090208
M10	3/8	63	470	1	080090210
M12	1/2	70	690	1	080090212
M14	9/16	85	940	1	080090214
M16	5/8	95	1290	1	080090216
M18	11/16	103	1660	1	080090218
M20	3/4	110	2130	1	080090220
M22	7/8	120	2630	1	080090222
M24	1"	130	3060	1	080090224
M27	1 1/8	135	4000	1	080090227
M30	1 3/16	140	4860	1	080090230

left-handed thread

Ø mm	≈ "	WFL kg	G mm		
M8	5/16	53	300	1	080090408
M10	3/8	63	470	1	080090410
M12	1/2	70	690	1	080090412
M14	9/16	85	940	1	080090414
M16	5/8	95	1290	1	080090416
M18	11/16	103	1660	1	080090418
M20	3/4	110	2130	1	080090420
M22	7/8	120	2630	1	080090422
M24	1"	130	3060	1	080090424
M27	1 1/8	135	4000	1	080090427
M30	1 3/16	140	4860	1	080090430

8048

eye tie rods right thread
self-coloured



UNI 6058

ØxL mm	WFL kg	F mm		
M8x50	430	6	20	080480108
M8x65	430	6	20	080480109
M10x80	690	8	10	080480110
M10x100	690	8	10	080480210
M10x130	690	8	10	080480111
M12x70	1020	10	8	080480212
M12x95	1020	10	8	080480112
M12x125	1020	10	8	080480113
M14x110	1420	12	6	080480114
M16x100	1980	14	6	080480115
M16x130	1980	14	6	080480116
M18x150	2390	16	2	080480118
M20x160	3100	18	2	080480120
M22x180	3890	18	1	080480122
M24x200	4460	20	1	080480124
M24x220	4460	20	1	080480125
M27x220	5900	22	1	080480127

8302Z

fastening eye bolts,
right thread, galvanized



TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	E mm	F mm	WFL kg		
M5	48	8	115	200	083020005
M6	55	10	160	150	083020006
M8	60	12	300	100	083020008
M10	73	14	470	100	083020010
M12	90	17	690	50	083020012

8303Z

fastening hooks
right thread, galvanized



TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	C mm	E mm	WFL kg		
M5	6,0	48	25	120	083030005
M6	8,0	55	45	100	083030006
M8	10,0	60	95	75	083030008
M10	12,5	73	140	50	083030010
M12	16,0	90	220	20	083030012

8702N - 8702Z - 8702ZC

swage sockets made from forged steel

closed
black



TECHNICAL DATA

- traceability code
- LABORATORY TESTS
- chemical analysis
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1

M	ØB mm	ØA mm	ØD mm		
6	6,8	13	19	1	087020106
8	8,8	20	22	1	087020108
9	9,8	20	22	1	087020109
10	10,8	20	22	1	087020110
11	11,8	25	27	1	087020111
12	12,8	25	27	1	087020112
13	13,8	25	27	1	087020113
14	14,8	32	32	1	087020114
15	15,9	32	32	1	087020115
16	17,0	32	32	1	087020116
18	19,0	39	37	1	087020118
19	20,0	39	37	1	087020119
20	21,1	39	37	1	087020120
22	23,2	43	43	1	087020122
24	25,4	50	52	1	087020124
25	26,4	50	52	1	087020125
26	27,4	50	52	1	087020126

Socket swaging requires suitable presses and dies and can only be performed by trained staff.

8702Z galvanized

M	ØB mm	ØA mm	ØD mm		
6	6,8	13	19	1	087020306
8	8,8	20	22	1	087020308
9	9,8	20	22	1	087020309
10	10,8	20	22	1	087020310
11	11,8	25	27	1	087020311
12	12,8	25	27	1	087020312
13	13,8	25	27	1	087020313
14	14,8	32	32	1	087020314
15	15,9	32	32	1	087020315
16	17,0	32	32	1	087020316
18	19,0	39	37	1	087020318
19	20,0	39	37	1	087020319
20	21,1	39	37	1	087020320
22	23,2	43	43	1	087020322
24	25,4	50	52	1	087020324
25	26,4	50	52	1	087020325
26	27,4	50	52	1	087020326

8702ZC hot-dip galvanized

M	ØB mm	ØA mm	ØD mm		
6	6,8	13	19	1	087020206
8	8,8	20	22	1	087020208
9	9,8	20	22	1	087020209
10	10,8	20	22	1	087020210
11	11,8	25	27	1	087020211
12	12,8	25	27	1	087020212
13	13,8	25	27	1	087020213
14	14,8	32	32	1	087020214
15	15,9	32	32	1	087020215
16	17,0	32	32	1	087020216
18	19,0	39	37	1	087020218
19	20,0	39	37	1	087020219
20	21,1	39	37	1	087020220
22	23,2	43	43	1	087020222
24	25,4	50	52	1	087020224
25	26,4	50	52	1	087020225
26	27,4	50	52	1	087020226

8709N - 8709Z - 8709ZC

swage sockets made from forged steel open black



TECHNICAL DATA

- traceability code

LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1

M	ø B mm	ø A mm	ø C mm		
6	6,8	13	17	1	087090106
8	8,8	20	21	1	087090108
9	9,8	20	21	1	087090109
10	10,8	20	21	1	087090110
11	11,8	25	25	1	087090111
12	12,8	25	25	1	087090112
13	13,8	25	25	1	087090113
14	14,8	32	30	1	087090114
15	15,9	32	30	1	087090115
16	17,0	32	30	1	087090116
18	19,0	39	35	1	087090118
19	20,0	39	35	1	087090119
20	21,1	39	35	1	087090120
22	23,2	43	41	1	087090122
24	25,4	50	51	1	087090124
25	26,4	50	51	1	087090125
26	27,4	50	51	1	087090126

Socket swaging requires suitable presses and dies and can only be performed by trained staff.

8709Z galvanized

M	ø B mm	ø A mm	ø C mm		
6	6,8	13	17	1	087090306
8	8,8	20	21	1	087090308
9	9,8	20	21	1	087090309
10	10,8	20	21	1	087090310
11	11,8	25	25	1	087090311
12	12,8	25	25	1	087090312
13	13,8	25	25	1	087090313
14	14,8	32	30	1	087090314
15	15,9	32	30	1	087090315
16	17,0	32	30	1	087090316
18	19,0	39	35	1	087090318
19	20,0	39	35	1	087090319
20	21,0	39	35	1	087090320
22	23,2	43	41	1	087090322
24	25,4	50	51	1	087090324
25	26,4	50	51	1	087090325
26	27,4	50	51	1	087090326

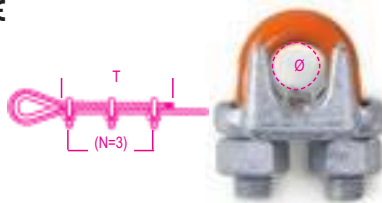
8709ZC hot-dip galvanized

M	ø B mm	ø A mm	ø C mm		
6	6,8	13	17	1	087090206
8	8,8	20	21	1	087090208
9	9,8	20	21	1	087090209
10	10,8	20	21	1	087090210
11	11,8	25	25	1	087090211
12	12,8	25	25	1	087090212
13	13,8	25	25	1	087090213
14	14,8	32	30	1	087090214
15	15,9	32	30	1	087090215
16	17,0	32	30	1	087090216
18	19,0	39	35	1	087090218
19	20,0	39	35	1	087090219
20	21,1	39	35	1	087090220
22	23,2	43	41	1	087090222
24	25,4	50	51	1	087090224
25	26,4	50	51	1	087090225
26	27,4	50	51	1	087090226

8015

wire rope clips, American type, steel body, hot-dip galvanized

CE



dimensioni EN 13411-5 tipo B

TECHNICAL DATA

- traceability code

LABORATORY TESTS

- chemical analysis
- torque test

AVAILABLE CERTIFICATES

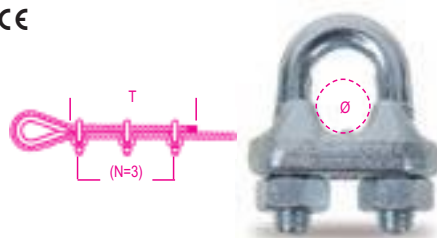
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Declaration of Conformity

ø mm	ø "	N x T	Nm		
8	5/16	3x133	40,7	12	080150808
10	3/8	3x165	61	12	080150810
13	1/2	3x292	88	6	080150813
16	5/8	3x305	129	6	080150816
20	3/4	4x460	176	6	080150820
22	7/8	4x480	305	6	080150822
26	1	5x660	305	5	080150826
30	1-1/8	6x860	305	2	080150830

8016

wire rope clips, hot forged steel body, galvanized

CE



TECHNICAL DATA

- chemical analysis

- torque test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

ø mm	ø "	N x T	Nm		
3	1/8	3x80	1,53	500	080160003
5	3/16	3x110	3,02	300	080160005
6	1/4	3x120	5,19	200	080160006
8	5/16	5x210	5,19	150	080160008
10	3/8	5x240	12,54	70	080160010
11	7/16	5x260	12,54	70	080160011
12-13	1/2	5x300	24,76	40	080160013
14	9/16	5x295	24,76	35	080160014
16	5/8	5x335	24,76	30	080160016
18	11/16	5x380	42,42	30	080160018
20	3/4	5x540	42,42	30	080160020
22	7/8	7x595	42,42	25	080160022
24-26	1"	7x700	67,56	15	080160026
28	1"1/16	8x840	67,56	5	080160028
30-32	1"1/8	8x990	67,56	5	080160030
34-36	1"1/4	8x1155	105,80	4	080160034
38-40	1"1/2	8x1320	105,80	2	080160040
45-50	2"	8x1500	206	1	080160050

special packaging

ø mm	"			
3	1/8	100	1	080160703
5	3/16	50	1	080160705
6	1/4	50	1	080160706
8	5/16	30	1	080160708
10	3/8	30	1	080160710
11	7/16	25	1	080160711
12-13	1/2	15	1	080160713

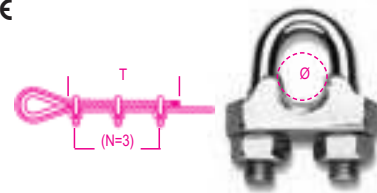
special free service boxes

ø mm	"			
3	6	1	080169403	
5	4	1	080169405	
6	4	1	080169406	
8	4	1	080169408	
10	2	1	080169410	
11	1	1	080169011	
12-13	1	1	080169013	
14	1	1	080169014	
16	1	1	080169016	
18	1	1	080169018	
20	1	1	080169020	
22	1	1	080169022	
24-26	1	1	080169026	

8016FR

wire rope clips, cold pressed steel body, galvanized

CE



LABORATORY TESTS

- chemical analysis

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

ø mm	ø "	N x T	Nm		
3	1/8	3x80	1,25	500	080160253
5	3/16	3x110	2,46	300	080160255
6	1/4	3x120	4,24	200	080160256
8	5/16	5x210	4,24	150	080160258

special free service boxes

ø mm	"			
3	6	1	080169753	
5	6	1	080169755	
6	4	1	080169756	
8	4	1	080169758	



8018E

wire rope clips, ENEL type,
hot forged steel body, hot-dip galvanized
U-bolts and nuts with chemical galv. protection



LABORATORY TESTS

- chemical analysis

AVAILABLE CERTIFICATES

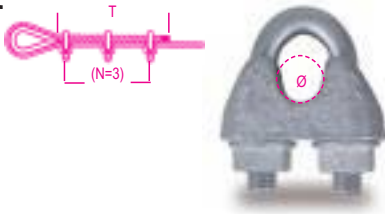
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm		
4+6	M6	34	4,24	100	080180001

8016U2

wire rope clips
malleable cast iron body
galvanized

CE



dimensioni EN 13411-5 tipo A

TECHNICAL DATA

- traceability code

LABORATORY TESTS

- chemical analysis
- torque test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Certificate of Conformity

Ø mm	Ø "	N x T	Nm		
5	3/16	3x156	2,0	300	080160855
6,5	1/4	3x192	3,5	150	080160856
8	5/16	4x320	6	70	080160858
10	3/8	4x320	9	60	080160860
12	1/2	4x384	20	25	080160862
14	9/16	4x448	33	15	080160864
16	5/8	4x512	49	10	080160866
19	3/4	4x512	68	10	080160869
22	7/8	5x680	107	10	080160872
26	1	5x760	147	5	080160876
30	1.1/8	6x984	212	5	080160880
34	1.1/4	6x1080	296	5	080160884
40	1.1/2	6x1176	363	5	080160890

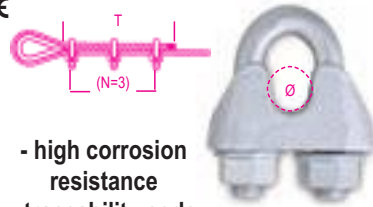
special free service boxes

Ø mm			
5	4	1	080169805
6	4	1	080169806
8	4	1	080169808
10	2	1	080169810
12	1	1	080169812
14	1	1	080169814
16	1	1	080169816
19	1	1	080169819
22	1	1	080169822
26	1	1	080169826

8016UGK

wire rope clips,
made of malleable cast iron,
HOT DIP GALVANIZED body,
GEOMET-GEOKOTE U-bolts and nuts

CE



- high corrosion resistance
- traceability code

dimensioni EN 13411-5 tipo A

TECHNICAL DATA

- traceability code

LABORATORY TESTS

- chemical analysis
- torque test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Declaration of conformity

Ø mm	Ø "	N x T	Nm		
8	5/16	4x320	6	70	080160758
10	3/8	4x320	9	60	080160760
12	1/2	4x448	33	25	080160762
14	9/16	4x384	20	15	080160764
16	5/8	4x512	49	10	080160766
19	3/4	4x512	68	10	080160769
22	7/8	5x680	107	10	080160772
26	1	5x760	147	5	080160776
30	1,1/8	6x984	212	1	080160780
34	1,1/4	6x1080	296	1	080160784
40	1,1/2	6x1176	363	1	080160790

8018T

wire rope clips, TELECOM type
malleable cast iron body
galvanized



RUM-MU-21:1980

LABORATORY TESTS

- chemical analysis

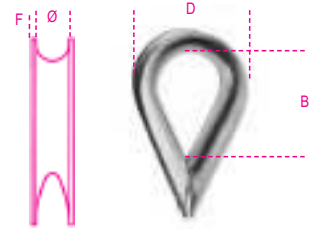
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm		
8+10	M8	42	10,20	200	080180003

8020A

thimbles, Italian light type,
galvanized



AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

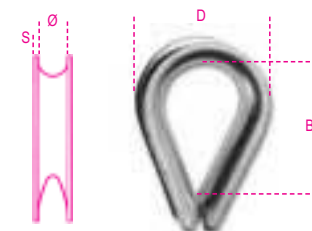
Ø mm	F mm	B mm	D mm		
2-3	1,0	20	18	150	080200503
4	1,2	23	19	150	080200504
5	1,2	24	23	100	080200505
6	1,2	27	28	100	080200506
8	1,4	33	32	50	080200508
10	1,8	41	38	30	080200510
12	2,2	44	45	30	080200512
14	2,2	52	49	50	080200514
16	3,0	58	58	50	080200516
18	3,7	64	68	50	080200518
20	3,7	73	74	35	080200520
22	3,7	83	79	30	080200522
24	3,7	93	88	20	080200525

special packaging

Ø mm	S mm		
2-3	0,8	150	1 080200703
4	1,0	150	1 080200704
5	1,0	100	1 080200705
6	1,0	100	1 080200706
8	1,2	50	1 080200708
10	1,5	30	1 080200710

8021A

thimbles, heavy type, galvanized



AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	S mm	B mm	D mm		
2-3	0,6	15	16	150	080210103
5	1,7	29	28	120	080210105
6	1,8	33	30	100	080210106
8	2,5	36	37	100	080210108
10	2,5	42	43	80	080210110
12	2,5	48	50	100	080210112
14	2,7	58	57	70	080210114
16	3	61	62	50	080210116
18	3,5	71	71	70	080210118
20	4	79	79	30	080210120
22	4	87	84	25	080210122
24	4	93	92	25	080210124
26	4	103	103	20	080210126
28	5	107	116	1	080210128
30	5	118	121	1	080210130
32	5,5	138	135	1	080210132
35	6	140	147	1	080210135
40	6,0	174	170	1	080210140

8026R

straight shackles with screw collar pin, high-tensile alloy steel, GRADE 6, hot-dipped galvanized body

CE

EN 13889
GRADE 6



TECHNICAL DATA

- minimum safety factor: 6
 - heat treatment: hardening and tempering
 - traceability code on both pin and body
- LABORATORY TESTS**
- chemical analysis • metallographic analysis
 - tensile test • fatigue test (min. 20,000 cycles)
 - proof load test (2 x WLL)

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
11	10	17	1000	5	080260210
16	13	21	2000	5	080260212
19	16	27	3250	3	080260216
22	19	32	4750	2	080260219
25	22	37	6500	2	080260222

special free service boxes

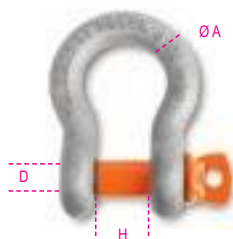


ØD mm			
16	1	1	080269212
19	1	1	080269216

8029R

bow shackles with screw collar pins, high-tensile alloy steel, GRADE 6, hot-dipped galvanized body

EN 13889
GRADO 6



TECHNICAL DATA

- minimum safety factor: 6
 - heat treatment: hardening and tempering
 - traceability code on pin and body
- LABORATORY TESTS**
- chemical analysis
 - metallographic analysis
 - tensile test
 - fatigue test (min. 20,000 cycles)
 - proof load test (2 x WLL)

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
8	6	13	500	20	080290106
10	8	13,5	750	15	080290108
11	10	17	1000	15	080290110
13	11	18,5	1500	10	080290111
16	13	20,5	2000	8	080290112
19	16	27	3250	8	080290116
22	19	32	4750	4	080290120
25	22	37	6500	4	080290122
28	26	43,5	8500	1	080290124

ØD mm	ØA mm	H mm	WLL kg		
32	29	48	9500	1	080290128
35	32	53	12000	1	080290132
38	35	59	13500	1	080290135
42	38	62	17000	1	080290138
50	45	75	25000	1	080290145
57	50	83	35000	1	080290150
65	57	95	42500	1	080290157
70	65	105	55000	1	080290165

special free service boxes



ØD mm			
8	1	1	080299106
10	1	1	080299108
11	1	1	080299110
13	1	1	080299111
16	1	1	080299112
19	1	1	080299116

8031R

bow shackles with safety bolt, EN13889 high-tensile alloy steel, GRADE 6, hot-dip galvanized body

EN 13889
GRADO 6



TECHNICAL DATA

- minimum safety factor: 6
 - heat treatment: hardening and tempering
 - traceability code on pin and body
- LABORATORY TESTS**
- chemical analysis
 - metallographic analysis
 - tensile test
 - fatigue test (min. 20,000 cycles)
 - proof load test (2 x WLL)

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
11	10	17	1000	5	080310110
13	11	18	1500	5	080310111
16	13	21	2000	5	080310112
19	16	27	3250	3	080310116
22	19	32	4750	2	080310120
25	22	37	6500	2	080310122
28	26	43	8500	1	080310124
32	29	48	9500	1	080310128
35	32	53	12000	1	080310132
38	35	59	13500	1	080310135
42	38	62	17000	1	080310138
50	45	75	25000	1	080310145
57	50	83	35000	1	080310150
70	65	105	55000	1	080310165
83	75	127	85000	1	080310183

special free service boxes



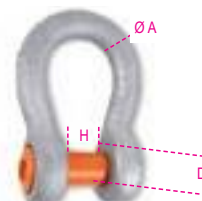
ØD mm			
16	1	1	080319112
19	1	1	080319116

8032

bow shackles with square sunken hole screw pin, high-tensile alloy steel, GRADE 6, hot-dip galvanized body

CE

GRADE 6



TECHNICAL DATA

- minimum safety factor: 6
 - heat treatment: hardening and tempering
 - traceability code on pin and body
- LABORATORY TESTS**
- chemical analysis
 - metallographic analysis
 - tensile test
 - fatigue test (min. 20,000 cycles)
 - proof load test (2 x WLL)

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
11	10	17	1000	5	080320010
16	13	21	2000	5	080320012
19	16	27	3250	3	080320016
22	19	32	4750	2	080320020
25	22	37	6500	2	080320022

special free service boxes



ØD mm			
16	1	1	080329012
19	1	1	080329016

8025

lifting LARGE DEE shackles, hot forged carbon steel, galvanized

CE

GRADO 4



TECHNICAL DATA

- safety factor: 5
 - heat treatment: normalizing
 - traceability code
- LABORATORY TESTS**
- chemical analysis • metallographic analysis
 - tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	≈	B x C mm	WLL kg		
5	3/16	21x10	70	250	080250005
6	1/4	25x12	100	250	080250006
8	5/16	33x16	250	150	080250008
10	3/8	42x20	400	180	080250010
11	7/16	46x22	500	130	080250011
12	1/2	50x24	600	100	080250012
14	9/16	57x28	800	70	080250014
16	5/8	61x32	1000	10	080250016
18	11/16	65x36	1300	10	080250018
20	3/4	70x40	1600	10	080250020
22	7/8	74x44	2000	10	080250022
25	1"	80x48	2800	2	080250025

special packaging

Ø mm	"			
5	3/16	25	1	080250705
6	1/4	25	1	080250706
8	5/16	25	1	080250708
10	3/8	15	1	080250710
11	7/16	12	1	080250711
12	1/2	12	1	080250712
14	9/16	10	1	080250714

special free service boxes

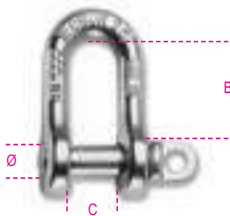


Ø mm			
5	4	1	080259205
6	4	1	080259206
8	2	1	080259208
10	2	1	080259210
11	1	1	080259011
12	1	1	080259012
14	1	1	080259014
16	1	1	080259016
18	1	1	080259018
20	1	1	080259020
22	1	1	080259022
25	1	1	080259025

8026A

lifting DEE shackles,
hot forged carbon steel,
UNI 1947 type A, galvanized

CE



GRADO 4

TECHNICAL DATA

- safety factor: 5
 - heat treatment: normalizing
 - traceability code
- LABORATORY TESTS
- chemical analysis
 - metallographic analysis
 - tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	"	B x C mm	WLL kg		
12	1/2	42x20	630	35	080260012
14	9/16	46x22	800	30	080260014
16	5/8	50x24	1000	20	080260016
18	11/16	54x26	1300	15	080260018
20	3/4	58x28	1600	10	080260020
22	7/8	69x32	2000	10	080260022
25	1"	79x36	2500	5	080260025
28	1.1/8	90x40	3150	2	080260028
32	1.1/4	100x45	4000	1	080260032
36	1.3/8	110x50	5000	1	080260036
40	1.9/16	120x55	6300	1	080260040
42	1.5/8	131x60	8000	1	080260042
45	1.3/4	143x65	10000	1	080260045
50	2"	155x70	12500	1	080260050

special free service boxes



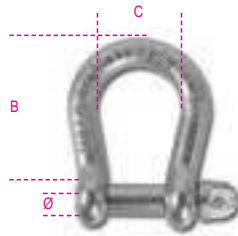
Ø mm			
12	1	1	080269012
14	1	1	080269014
16	1	1	080269016
18	1	1	080269018
20	1	1	080269020
22	1	1	080269022
25	1	1	080269025



8028

lifting BOW shackles,
hot forged carbon steel,
galvanized

CE



GRADO 4

TECHNICAL DATA

- safety factor: 5
 - heat treatment: normalizing
 - traceability code
- LABORATORY TESTS
- chemical analysis
 - metallographic analysis
 - tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	"	B x C mm	WLL kg		
5	3/16	20x16	80	100	080280105
6	1/4	24x20	100	70	080280106
8	5/16	32x24	200	35	080280108
10	3/8	40x33	300	25	080280110
12	1/2	48x39	500	15	080280112
14	9/16	56x46	600	7	080280114
16	5/8	64x46	800	10	080280116
18	11/16	71x59	950	5	080280118
20	3/4	80x65	1100	5	080280120
22	7/8	88x72	1500	5	080280122
25	1"	100x81	2000	2	080280125
28	1.1/8	112x91	2600	1	080280128
32	1.1/4	128x104	3200	1	080280132
38	1.1/2	152x124	4500	1	080280138

special free service boxes



Ø mm			
5	4	1	080289305
6	4	1	080289306
8	2	1	080289308
10	2	1	080289310
12	1	1	080289112
14	1	1	080289114
16	1	1	080289116
18	1	1	080289118
20	1	1	080289120
22	1	1	080289122

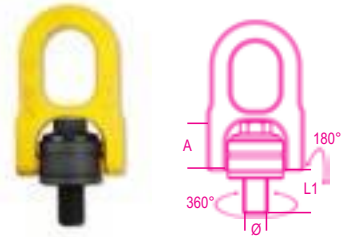
8049 WLL (t)

	A°	M8	M10	M12	M16	M20	M24	M30
	0°	0.3	0.6	1	1.6	2.5	4	6.3
	0°	0.6	1.2	2	3.2	5	8	12.6
	90°	0.3	0.6	1	1.6	2.5	4	6.3
	90°	0.6	1.2	2	3.2	5	8	12.6
	0°/45°	0.4	0.8	1.4	2.2	3.5	5.6	8.8
	45°/90°	0.3	0.6	1	1.6	2.5	4	6.3
	0°/45°/90°	0.6	1.3	2.1	3.4	5.3	8.4	13.2
	45°/90°	0.3	0.6	1	1.6	2.5	4	6.3

8049

adjustable lifting eyebolts,
double swivel ring,
high-tensile alloy steel

CE



TECHNICAL DATA

- safety factor: 5
 - heat treatment: hardening and tempering
 - traceability code
- LABORATORY TESTS
- chemical analysis
 - metallographic analysis
 - tensile test
 - fatigue test (20,000 cycles)
- AVAILABLE CERTIFICATES
- Technical product specifications
 - Test report UNI EN10204 type 2.2
 - Inspection certificate UNI EN10204 type 3.1
 - CE Declaration of Conformity

Ø mm	A mm	L1 mm	WLL 90° kg		
M8	31,5	14	300	1	080490008
M10	31,5	17	600	1	080490010
M12	31,5	21	1000	1	080490012
M16	45	27	1600	1	080490016
M20	45	30	2500	1	080490020
M24	60,5	36	4000	1	080490024
M30	60,5	45	6300	1	080490030



8049A WLL (*)										
	Ø"	M6	M8	M10	M12	M16	M20	M24	M30	M36
	0"	400	600	900	1000	2000	4000	6000	10000	11000
	0"	800	1200	1800	2000	4000	8000	12000	21200	23000
	90°	200	300	450	500	1120	2000	3150	5300	8000
	90°	400	600	900	1000	2000	4000	6000	10000	11000
	0°	250	400	600	700	1400	2800	4250	7100	10700
	45°	200	300	450	500	1120	2000	3150	5300	8000
	0°	400	600	900	1000	2100	4200	6300	11200	10000
	45°	250	400	600	700	1500	3000	4500	8000	10700

8049A

lifting eyebolts,
double swivel ring, turnable under load,
with welded ring,
high-tensile alloy steel

CE



TECHNICAL DATA

- safety factor: 4
 - heat treatment: hardening
 - traceability code
- LABORATORY TESTS**
- chemical analysis
 - metallographic analysis
 - tensile test
 - fatigue test (20,000 cycles)
 - testing load (100% of batch)
- AVAILABLE CERTIFICATES**
- Technical product specifications
 - Test report UNI EN10204 type 2.2
 - Inspection certificate UNI EN10204 type 3.1
 - CE Declaration of Conformity

Ø	E	A	WLL 90°		
mm	mm	mm	kg		
M6	13	30	200	1	080490106
M8	13	30	300	1	080490108
M10	19	30	450	1	080490110
M12	19	30	500	1	080490112
M16	20	30	1120	1	080490116
M20	30	40	2000	1	080490120
M24	30	40	3150	1	080490124
M30	35	50	5300	1	080490130
M36	54	50	8000	1	080490136

8049V

lifting eyebolts
with offset brackets,
high-tensile alloy steel
360° swivel eyebolt and swivel bracket

CE



TECHNICAL DATA

- safety factor: 4
 - heat treatment: hardening and tempering
 - traceability code
- LABORATORY TESTS**
- chemical analysis
 - metallographic analysis
 - tensile test
 - fatigue test (20,000 cycles)
 - test load (100% of batch)
- AVAILABLE CERTIFICATES**
- Technical product specifications
 - Test report UNI EN10204 type 2.2
 - Inspection certificate UNI EN10204 type 3.1
 - CE Declaration of Conformity

Ø	E	B	WLL		
mm	mm	mm	kg		
M12	18	37,5	1000	1	080490312
M16	24	37,5	1500	1	080490316
M20	35,5	54	2500	1	080490320
M24	35,5	54	4000	1	080490324

8068S

weld-on brackets for load lifting,
single-based, with positioning springs,
high tensile alloy steel body

- Compact dimensions for lifting operations
- Tested to withstand 20,000 work cycles at full load
- Test load applied to 100% of parts before sale
- Safety factor: 4, in all directions

CE



TECHNICAL DATA

- safety factor: 4
 - heat treatment: hardening
 - traceability code
- LABORATORY TESTS**
- chemical analysis
 - metallographic analysis
 - tensile test
 - fatigue test (20,000 cycles)
 - load test (100% of batch)
- AVAILABLE CERTIFICATES**
- Technical product specifications
 - Test report UNI EN10204 type 2.2
 - Inspection certificate UNI EN10204 type 3.1
 - CE Declaration of Conformity

WLL	B	M	A		
Kg	mm	mm	mm		
1500	78	37	41	1	080680115
2500	88	40	42	1	080680125
4000	94	42	45	1	080680140
6700	118	51	55	1	080680167

Caution:

- Coupling element must ensure proper mechanical resistance and be suitable for welding.
- Welding must be performed by trained personnel.

8041

lifting eyebolts,
high-tensile alloy steel

CE



TECHNICAL DATA

- safety factor: 4
 - heat treatment: hardening and tempering
 - traceability code
- LABORATORY TESTS**
- chemical analysis
 - metallographic analysis
 - tensile test
 - fatigue test (20,000 cycles)
 - proof load test (100% of batch)
- AVAILABLE CERTIFICATES**
- Technical product specifications
 - Test report UNI EN10204 type 2.2
 - Inspection certificate UNI EN10204 type 3.1
 - CE Declaration of Conformity

Ø	E	WLL		
mm	mm	kg		
M6	1	11	400	10 080410206
* M8	1,25	13	800	10 080410208
* M10	1,5	17	1000	6 080410210
* M12	1,75	20,5	1600	4 080410212
M14	2	20,5	3000	2 080410214
M16	2,5	30	4000	2 080410217
M18	2,5	27	5000	2 080410218
M20	3,0	36	6000	2 080410221
M22	2,5	30	7000	2 080410222
M24	3	41	8000	2 080410225
M27	3	41	10000	1 080410227
* M30	3,5	45	12000	1 080410230

(*) Dimensional specifications DIN 580:2010
WLL increased according to Robur Technical Product Specifications

special free service boxes

Ø			
mm			
* M8	1	1	080419208
* M10	1	1	080419210
* M12	1	1	080419212

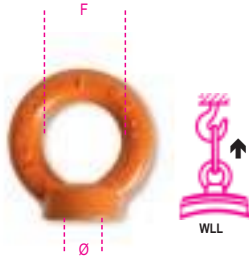
Robur

Robur

8043

lifting eye nuts,
high-tensile alloy steel

CE



TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø	mm	F	WLL	mm	kg		
M6	1	20	400	10	080430206		
* M8	1,25	20	800	10	080430208		
* M10	1,50	25	1000	6	080430210		
* M12	1,75	30	1600	4	080430212		
M14	2	35	3000	2	080430214		
M16	2,5	40	4000	2	080430217		
M18	2,5	40	5000	2	080430218		
M20	2,5	50	6000	2	080430221		
M22	2,5	50	7000	2	080430222		
M24	3	55	8000	2	080430225		
M27	3	60	10000	1	080430227		
* M30	3,5	60	12000	1	080430230		

(*) Dimensional specifications DIN 582:2010
WLL increased according to Robur Technical Product Specifications

special free service boxes



Ø	mm		
* M8	1	1	080439208
* M10	1	1	080439210
* M12	1	1	080439212

8040EZ

lifting eye bolts,
galvanized

CE



DIN 580:2018-04(**)

TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø	mm	E	WLL	mm	kg		
* M6	1	11	90	60	080400406		
M8	1,25	13	140	60	080400408		
M10	1,5	17	230	40	080400410		
M12	1,75	20,5	340	20	080400412		
* M14	2	20,5	480	20	080400414		
M16	2	27	700	10	080400416		
* M18	2,5	27	930	10	080400418		
M20	2,5	30	1200	10	080400420		
* M22	2,5	30	1450	10	080400422		
M24	3	36	1800	5	080400424		
* M27	3	41	2400	5	080400427		
M30	3,5	45	3200	2	080400430		
* M33	3,5	54	3900	2	080400433		
* M33F	2	54	3900	2	080400434		
M36	4	54	4600	2	080400436		
* M36F	3	54	4600	2	080400437		
M42	4,5	63	6300	1	080400442		
* M42F	3	63	6300	1	080400443		
M48	5	68	8600	1	080400448		
* M48F	3	68	8600	1	080400449		
M56	5,5	78	11500	1	080400456		
* M56F	4	78	11500	1	080400457		
M64	6	90	16000	1	080400464		
* M64F	4	90	16000	1	080400465		

*Sizes dimensioned according to Robur Technical File

special free service boxes



Ø	mm		
M6	4	1	080409606
M8	4	1	080409608
M10	2	1	080409610
M12	1	1	080409412
* M14	1	1	080409414
M16	1	1	080409416
* M18	1	1	080409418
M20	1	1	080409420
* M22	1	1	080409422
M24	1	1	080409424
* M27	1	1	080409427
M30	1	1	080409430

8040EN

lifting eye bolts,
self-coloured

CE



DIN 580:2018-04(**)

TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø	mm	E	WLL	mm	kg		
* M6	1	11	90	60	080400306		
M8	1,25	13	140	60	080400308		
M10	1,5	17	230	40	080400310		
M12	1,75	20,5	340	20	080400312		
* M14	2	20,5	480	20	080400314		
M16	2	27	700	10	080400316		
* M18	2,5	27	930	10	080400318		
M20	2,5	30	1200	10	080400320		
* M22	2,5	30	1450	10	080400322		
M24	3	36	1800	5	080400324		
* M27	3	41	2400	5	080400327		
M30	3,5	45	3200	2	080400330		
* M33	3,5	54	3900	2	080400333		
* M33F	2	54	3900	2	080400334		
M36	4	54	4600	2	080400336		
* M36F	3	54	4600	2	080400337		
M42	4,5	63	6300	1	080400342		
* M42F	3	63	6300	1	080400343		
M48	5	68	8600	1	080400348		
* M48F	3	68	8600	1	080400349		
M56	5,5	78	11500	1	080400356		
* M56F	4	78	11500	1	080400357		
M64	6	90	16000	1	080400364		
* M64F	4	90	16000	1	080400365		

*Sizes dimensioned according to Robur Technical File

special free service boxes

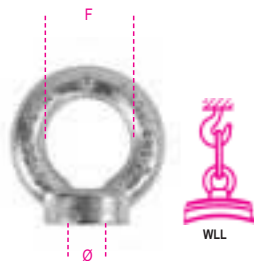


Ø	mm		
M6	4	1	080409506
M8	4	1	080409508
M10	2	1	080409510
M12	1	1	080409312
* M14	1	1	080409314
M16	1	1	080409316
* M18	1	1	080409318
M20	1	1	080409320
* M22	1	1	080409322
M24	1	1	080409324
* M27	1	1	080409327
M30	1	1	080409330

8042EZ

lifting eye nuts,
galvanized

CE



DIN582:2018-04(**)

TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	F mm	WLL kg		
* M6	1	14	90	60 080420406
M8	1,25	20	140	60 080420408
M10	1,5	25	230	40 080420410
M12	1,75	30	340	30 080420412
* M14	2	30	480	30 080420414
M16	2	35	700	20 080420416
* M18	2,5	35	930	20 080420418
M20	2,5	40	1200	10 080420420
* M22	2,5	40	1450	10 080420422
M24	3	50	1800	5 080420424
* M27	3	55	2400	5 080420427
M30	3,5	60	3200	3 080420430
M36	4	70	4600	2 080420436
* M36F	3	70	4600	2 080420437
M42	4,5	80	6300	1 080420442
* M42F	3	80	6300	1 080420443
M48	5	90	8600	1 080420448
* M48F	3	90	8600	1 080420449

*Sizes dimensioned according to Robur Technical File

special free service boxes



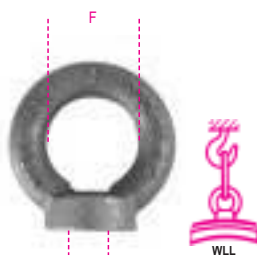
Ø mm			
M6	4	1	080429606
M8	4	1	080429608
M10	2	1	080429610
M12	1	1	080429412
* M14	1	1	080429414
M16	1	1	080429416
* M18	1	1	080429418
M20	1	1	080429420
* M22	1	1	080429422
M24	1	1	080429424
* M27	1	1	080429427
M30	1	1	080429430



8042EN

lifting eye nuts,
self-coloured

CE



DIN582:2018-04(**)

TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	F mm	WLL kg		
* M6	1	14	90	60 080420306
M8	1,25	20	140	60 080420308
M10	1,5	25	230	40 080420310
M12	1,75	30	340	30 080420312
* M14	2	30	480	30 080420314
M16	2	35	700	20 080420316
* M18	2,5	35	930	20 080420318
M20	2,5	40	1200	10 080420320
* M22	2,5	40	1450	10 080420322
M24	3	50	1800	5 080420324
* M27	3	55	2400	5 080420327
M30	3,5	60	3200	3 080420330
M36	4	70	4600	2 080420336
* M36F	3	70	4600	2 080420337
M42	4,5	80	6300	1 080420342
* M42F	3	80	6300	1 080420343
M48	5	90	8600	1 080420348
* M48F	3	90	8600	1 080420349

*Sizes dimensioned according to Robur Technical File

special free service boxes



Ø mm			
M6	4	1	080429506
M8	4	1	080429508
M10	2	1	080429510
M12	1	1	080429312
* M14	1	1	080429314
M16	1	1	080429316
* M18	1	1	080429318
M20	1	1	080429320
* M22	1	1	080429322
M24	1	1	080429324
* M27	1	1	080429327
M30	1	1	080429330

8044

lifting eye nuts, UNI 2948
self-coloured

CE



UNI 2948

TECHNICAL DATA

- safety factor: 4
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	F mm	WLL kg		
M8	1,25	80		4 080440008
M10	1,5	160		4 080440010
M12	1,75	250		4 080440012
M14	2	250		2 080440014
M16	2	400		2 080440016
M20	2,5	630		2 080440020
M24	3	1000		2 080440024



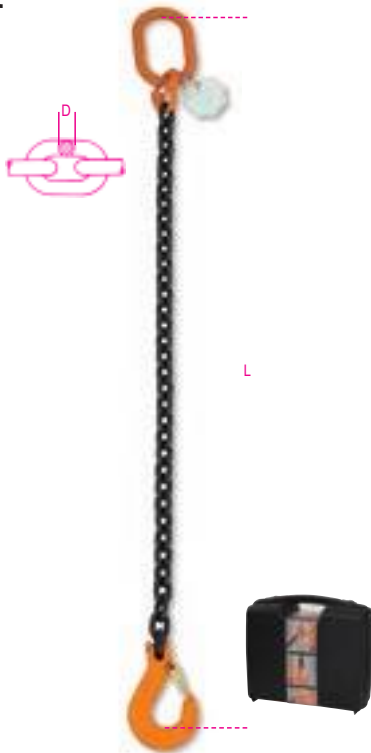
WLL Ton		UNI EN 818	
Ø D mm	WLL 1	WLL 2	
		0° < β ≤ 45°	45° < β ≤ 60°
6	1,12	1,6	1,12
7	1,5	2,12	1,5
8	2	2,8	2
10	3,15	4,25	3,15
13	5,3	7,5	5,3
16	8	11,2	8

Ø D mm	WLL 3	WLL 4	
		0° < β ≤ 45°	45° < β ≤ 60°
6	2,36	1,7	
7	3,15	2,24	
8	4,25	3	
10	6,7	4,75	
13	11,2	8	
16	17	11,2	

8091

lifting chain slings, 1 leg
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

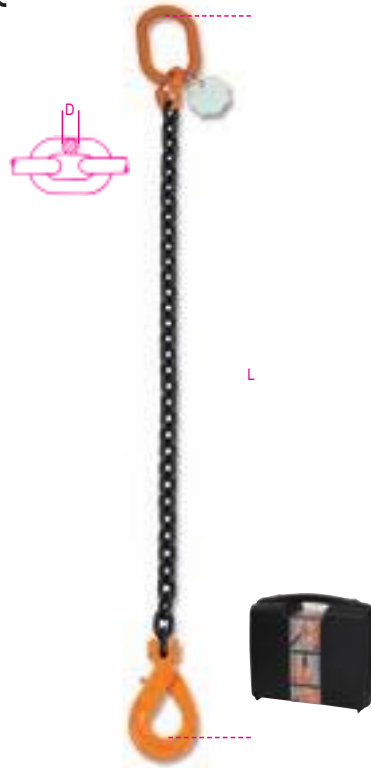
D mm	L m	WLL ton		
6*	1	1,12	1	080910001
6*	2	1,12	1	080910002
6*	3	1,12	1	080910003
6*	4	1,12	1	080910004
7*	1	1,5	1	080910021
7*	2	1,5	1	080910022
7*	3	1,5	1	080910023
7*	4	1,5	1	080910024
8*	1	2	1	080910041
8*	2	2	1	080910042
8*	3	2	1	080910043
8*	4	2	1	080910044
10*	1	3,15	1	080910051
10*	2	3,15	1	080910052
10*	3	3,15	1	080910053
10*	4	3,15	1	080910054
13*	1	5,3	1	080910131
13*	2	5,3	1	080910132
13*	3	5,3	1	080910133
13*	4	5,3	1	080910134
16*	1	8	1	080910161
16*	2	8	1	080910162
16*	3	8	1	080910163
16*	4	8	1	080910164
20	1	12,5	1	080910171
20	2	12,5	1	080910172
20	3	12,5	1	080910173
20	4	12,5	1	080910174

* packed in plastic case

8091SL

lifting chain slings,
1 leg, self-locking hook,
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,12	1	080910201
6*	2	1,12	1	080910202
6*	3	1,12	1	080910203
6*	4	1,12	1	080910204
7*	1	1,5	1	080910221
7*	2	1,5	1	080910222
7*	3	1,5	1	080910223
7*	4	1,5	1	080910224
8*	1	2	1	080910241
8*	2	2	1	080910242
8*	3	2	1	080910243
8*	4	2	1	080910244
10*	1	3,15	1	080910251
10*	2	3,15	1	080910252
10*	3	3,15	1	080910253
10*	4	3,15	1	080910254
13*	1	5,3	1	080910331
13*	2	5,3	1	080910332
13*	3	5,3	1	080910333
13*	4	5,3	1	080910334
16*	1	8	1	080910361
16*	2	8	1	080910362
16*	3	8	1	080910363
16*	4	8	1	080910364
20	1	12,5	1	080910401
20	2	12,5	1	080910402
20	3	12,5	1	080910403
20	4	12,5	1	080910404

* Packed in plastic case

8092

lifting chains sling, 2 legs
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,6	1	080920001
6*	2	1,6	1	080920002
6*	3	1,6	1	080920003
6*	4	1,6	1	080920004
7*	1	2,12	1	080920021
7*	2	2,12	1	080920022
7*	3	2,12	1	080920023
7*	4	2,12	1	080920024
8*	1	2,8	1	080920041
8*	2	2,8	1	080920042
8*	3	2,8	1	080920043
8*	4	2,8	1	080920044
10*	1	4,25	1	080920051
10*	2	4,25	1	080920052
10*	3	4,25	1	080920053
10*	4	4,25	1	080920054
13*	1	7,5	1	080920131
13*	2	7,5	1	080920132
13	3	7,5	1	080920133
13	4	7,5	1	080920134
16*	1	11,2	1	080920161
16	2	11,2	1	080920162
16	3	11,2	1	080920163
16	4	11,2	1	080920164
20	2	17,0	1	080920172
20	3	17,0	1	080920173
20	4	17,0	1	080920174

* packed in plastic case



Robur

8092SL

lifting chain slings,
2 legs, self-locking hook,
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	📄	📄
6*	1	1,6	1	080920201
6*	2	1,6	1	080920202
6*	3	1,6	1	080920203
6*	4	1,6	1	080920204
7*	1	2,12	1	080920221
7*	2	2,12	1	080920222
7*	3	2,12	1	080920223
7*	4	2,12	1	080920224
8*	1	2,8	1	080920241
8*	2	2,8	1	080920242
8*	3	2,8	1	080920243
8*	4	2,8	1	080920244
10*	1	4,25	1	080920251
10*	2	4,25	1	080920252
10*	3	4,25	1	080920253
10*	4	4,25	1	080920254
13*	1	7,5	1	080920331
13*	2	7,5	1	080920332
13*	3	7,5	1	080920333
13*	4	7,5	1	080920334
16*	1	11,2	1	080920361
16*	2	11,2	1	080920362
16*	3	11,2	1	080920363
16*	4	11,2	1	080920364
20	2	17,0	1	080920402
20	3	17,0	1	080920403
20	4	17,0	1	080920404

* Packed in plastic case

8094

lifting chain sling, 4 legs
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	📄	📄
6*	1	2,36	1	080940001
6*	2	2,36	1	080940002
6*	3	2,36	1	080940003
6*	4	2,36	1	080940004
7*	1	3,15	1	080940021
7*	2	3,15	1	080940022
7*	3	3,15	1	080940023
7*	4	3,15	1	080940024
8*	1	4,25	1	080940041
8*	2	4,25	1	080940042
8*	3	4,25	1	080940043
8	4	4,25	1	080940044
10*	1	6,7	1	080940051
10	2	6,7	1	080940052
10	3	6,7	1	080940053
10	4	6,7	1	080940054
13	1	11,2	1	080940131
13	2	11,2	1	080940132
13	3	11,2	1	080940133
13	4	11,2	1	080940134
16	1	17	1	080940161
16	2	17	1	080940162
16	3	17	1	080940163
16	4	17	1	080940164
20	2	26,5	1	080940172
20	3	26,5	1	080940173
20	4	26,5	1	080940174

* packed in plastic case

Robur

Robur

8094SL

lifting chain slings,
4 legs, self-locking hook,
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	📄	📄
6*	1	2,36	1	080940201
6*	2	2,36	1	080940202
6*	3	2,36	1	080940203
6*	4	2,36	1	080940204
7*	1	3,15	1	080940221
7*	2	3,15	1	080940222
7*	3	3,15	1	080940223
7*	4	3,15	1	080940224
8*	1	4,25	1	080940241
8*	2	4,25	1	080940242
8*	3	4,25	1	080940243
8	4	4,25	1	080940244
10*	1	6,7	1	080940251
10	2	6,7	1	080940252
10	3	6,7	1	080940253
10	4	6,7	1	080940254
13	1	11,2	1	080940331
13	2	11,2	1	080940332
13	3	11,2	1	080940333
13	4	11,2	1	080940334
16	1	17	1	080940361
16	2	17	1	080940362
16	3	17	1	080940363
16	4	17	1	080940364
20	2	26,5	1	080940402
20	3	26,5	1	080940403
20	4	26,5	1	080940404

* Packed in plastic case

8096

lifting chain sling, 1 leg
with clevis grab hook,
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,12	1	080960001
6*	2	1,12	1	080960002
6*	3	1,12	1	080960003
6*	4	1,12	1	080960004
7*	1	1,5	1	080960021
7*	2	1,5	1	080960022
7*	3	1,5	1	080960023
7*	4	1,5	1	080960024
8*	1	2	1	080960041
8*	2	2	1	080960042
8*	3	2	1	080960043
8*	4	2	1	080960044
10*	1	3,15	1	080960051
10*	2	3,15	1	080960052
10*	3	3,15	1	080960053
10*	4	3,15	1	080960054
13*	1	5,3	1	080960131
13*	2	5,3	1	080960132
13*	3	5,3	1	080960133
13*	4	5,3	1	080960134
16*	1	8	1	080960161
16*	2	8	1	080960162
16*	3	8	1	080960163
16	4	8	1	080960164
20	1	12,5	1	080960171
20	2	12,5	1	080960172
20	3	12,5	1	080960173
20	4	12,5	1	080960174

* packed in plastic case

8096SL

lifting chain slings,
1 leg, with self-locking and clevis grab hooks,
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,12	1	080960201
6*	2	1,12	1	080960202
6*	3	1,12	1	080960203
6*	4	1,12	1	080960204
7*	1	1,5	1	080960221
7*	2	1,5	1	080960222
7*	3	1,5	1	080960223
7*	4	1,5	1	080960224
8*	1	2	1	080960241
8*	2	2	1	080960242
8*	3	2	1	080960243
8*	4	2	1	080960244
10*	1	3,15	1	080960251
10*	2	3,15	1	080960252
10*	3	3,15	1	080960253
10*	4	3,15	1	080960254
13*	1	5,3	1	080960331
13*	2	5,3	1	080960332
13*	3	5,3	1	080960333
13*	4	5,3	1	080960334
16*	1	8	1	080960361
16*	2	8	1	080960362
16*	3	8	1	080960363
16	4	8	1	080960364
20	1	12,5	1	080960401
20	2	12,5	1	080960402
20	3	12,5	1	080960403
20	4	12,5	1	080960404

* Packed in plastic case

8097

lifting chain sling, 2 legs
with clevis grab hooks,
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**

- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,6	1	080970001
6*	2	1,6	1	080970002
6*	3	1,6	1	080970003
6*	4	1,6	1	080970004
7*	1	2,12	1	080970021
7*	2	2,12	1	080970022
7*	3	2,12	1	080970023
7*	4	2,12	1	080970024
8*	1	2,8	1	080970041
8*	2	2,8	1	080970042
8*	3	2,8	1	080970043
8*	4	2,8	1	080970044
10*	1	4,25	1	080970051
10*	2	4,25	1	080970052
10*	3	4,25	1	080970053
10*	4	4,25	1	080970054
13*	1	7,5	1	080970131
13*	2	7,5	1	080970132
13	3	7,5	1	080970133
13	4	7,5	1	080970134
16	1	11,2	1	080970161
16	2	11,2	1	080970162
16	3	11,2	1	080970163
16	4	11,2	1	080970164
20	2	17,0	1	080970172
20	3	17,0	1	080970173
20	4	17,0	1	080970174

* packed in plastic case



8097SL

lifting chain slings,
2 legs, with self-locking and clevis grab hooks,
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES

- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES

- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,6	1	080970201
6*	2	1,6	1	080970202
6*	3	1,6	1	080970203
6*	4	1,6	1	080970204
7*	1	2,12	1	080970221
7*	2	2,12	1	080970222
7*	3	2,12	1	080970223
7*	4	2,12	1	080970224
8*	1	2,8	1	080970241
8*	2	2,8	1	080970242
8*	3	2,8	1	080970243
8*	4	2,8	1	080970244
10*	1	4,25	1	080970251
10*	2	4,25	1	080970252
10*	3	4,25	1	080970253
10*	4	4,25	1	080970254
13*	1	7,5	1	080970331
13*	2	7,5	1	080970332
13	3	7,5	1	080970333
13	4	7,5	1	080970334
16	1	11,2	1	080970361
16	2	11,2	1	080970362
16	3	11,2	1	080970363
16	4	11,2	1	080970364
20	2	17,0	1	080970402
20	3	17,0	1	080970403
20	4	17,0	1	080970404

* Packed in plastic case

8098

lifting chain sling, 4 legs
with clevis grab hooks,
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ### ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- ### AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	2,36	1	080980001
6*	2	2,36	1	080980002
6*	3	2,36	1	080980003
6*	4	2,36	1	080980004
7*	1	3,15	1	080980021
7*	2	3,15	1	080980022
7*	3	3,15	1	080980023
7*	4	3,15	1	080980024
8*	1	4,25	1	080980041
8*	2	4,25	1	080980042
8*	3	4,25	1	080980043
8	4	4,25	1	080980044
10*	1	6,7	1	080980051
10	2	6,7	1	080980052
10	3	6,7	1	080980053
10	4	6,7	1	080980054
13	1	11,2	1	080980131
13	2	11,2	1	080980132
13	3	11,2	1	080980133
13	4	11,2	1	080980134
16	1	17	1	080980161
16	2	17	1	080980162
16	3	17	1	080980163
16	4	17	1	080980164
20	2	26,5	1	080980172
20	3	26,5	1	080980173
20	4	26,5	1	080980174

* packed in plastic case

8098SL

lifting chain slings,
4 legs, with self-locking and clevis grab hooks,
grade 8

CE



UNI EN 818-4

TECHNICAL DATA

- safety factor: 4
 - chain-sling identification tag
- ### ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
 - CE Declaration of Conformity
- ### AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	2,36	1	080980201
6*	2	2,36	1	080980202
6*	3	2,36	1	080980203
6*	4	2,36	1	080980204
7*	1	3,15	1	080980221
7*	2	3,15	1	080980222
7*	3	3,15	1	080980223
7*	4	3,15	1	080980224
8*	1	4,25	1	080980241
8*	2	4,25	1	080980242
8	3	4,25	1	080980243
8*	4	4,25	1	080980244
10*	1	6,7	1	080980251
10	2	6,7	1	080980252
10	3	6,7	1	080980253
10	4	6,7	1	080980254
13	1	11,2	1	080980331
13	2	11,2	1	080980332
13	3	11,2	1	080980333
13	4	11,2	1	080980334
16	1	17	1	080980361
16	2	17	1	080980362
16	3	17	1	080980363
16	4	17	1	080980364
20	2	26,5	1	080980402
20	3	26,5	1	080980403
20	4	26,5	1	080980404

* Packed in plastic case

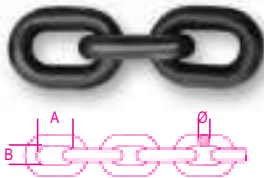
Robur

Robur

8100

lifting chains,
high-tensile alloy steel

CE



EN 818-2

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Manufacturer's Certificate EN818-2
- CE Declaration of Conformity

WLL kg	Ø mm	A mm	B min mm		
1120	6	18	7,8	1	081000011
1500	7	21	11,0	1	081000016
2000	8	24	12,0	1	081000020
3150	10	30	14,5	1	081000032
5300	13	39	20,0	1	081000053
8000	16	48	20,8	1	081000080
12500	20	60	26,0	1	081000125

8085R

lifting master links,
high-tensile alloy steel

CE



EN 1677-4
GRADO 8

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	A mm	B mm		
* 1600	7	110	60	1	080850215
2120	8	110	60	1	080850220
3150	10	135	75	1	080850232
5300	13	160	90	1	080850253
8000	16	180	100	1	080850280
11200	19	200	110	1	080850311
16000	20	260	140	1	080850316
17000	22	300	160	1	080850317

The working load refers to slings 3 or 4 arms
and angle β less than 45°.
(*) Combined with ϕ 6mm chain, WLL= 2360 kg

8086

lifting master link assemblies
alloy steel, painted

CE



EN 1677-4

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	B mm	C mm		
* 3150	7	135	75	1	080860021
4250	8	160	90	1	080860042
6700	10	180	100	1	080860067
11200	13	200	110	1	080860100
17000	16	260	140	1	080860117
21200	18	340	180	1	080860121
26500	20	350	190	1	080860126

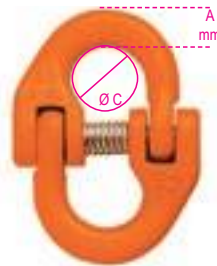
The working load refers to slings 3 or 4 arms and angle β
less than 45°.

(*) Combined with ϕ 6mm chain, WLL= 2360 kg

8090R

lifting connecting links
alloy steel, painted

CE



EN 1677-1

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	Ø C max	A mm		
1120	6	13	7,5	1	080900111
1500	7	18	9	1	080900115
2000	8	18	11	1	080900120
3150	10	22	13,0	1	080900131
5300	13	30	16	1	080900153
8000	16	32	22	1	080900180
12500	20	40	25	1	080900312

8060R

Clevis chain hooks,
high-tensile alloy steel

CE



EN 1677-2

TECHNICAL DATA

- safety coefficient: 4
- heat treatment: hardening and tempering
- Traceability code on pin, safety latch, body

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	C mm		
1120	6	19	1	080600111
1500	7	19	1	080600115
2000	8	21	1	080600120
3150	10	27	1	080600132
5300	13	35	1	080600153
8000	16	48	1	080600180
12500	20	54	1	080600225

8058R

self-locking lifting hooks,
Clevis type,
high-tensile alloy steel

CE



EN 1677-3

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	J min mm		
1120	6	28	1	080580112
2000	7-8	34	1	080580120
3150	10	44	1	080580132
5300	13	52	1	080580153
8000	16	67	1	080580180
12500	20	77	1	080580225

8061R

Clevis grab hooks with safety latch, high-tensile alloy steel

CE



EN 1677-1

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)

- proof load test (100% of batch)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	E mm	📄	📄
1120	6	8	1	080610211
2000	7-8	11	1	080610220
3150	10	13	1	080610231
5300	13	17	1	080610253
8000	16	20	1	080610280
12500	20	24	1	080610312

8052

wire rope eye hooks, high-tensile alloy steel

CE



EN 1677-2

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)

- proof load test (2 x WLL)

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	📄	📄
8052	800	18	1 080520008
8052	1120	22,5	1 080520011
8052	2000	30	1 080520020
8052	3150	36	1 080520031
8052	4000	39,5	1 080520040

8055S	5400	32	1 080550145
8055S	8000	43	1 080550170
8055S	11500	53	1 080550215
8055S	16000	58	1 080550260
8055S	22000	78	1 080550320

8057R

self-locking lifting hooks, eye type, high-tensile alloy steel

CE



EN 1677-3

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)

- proof load test (100% of batch)

AVAILABLE CERTIFICATES

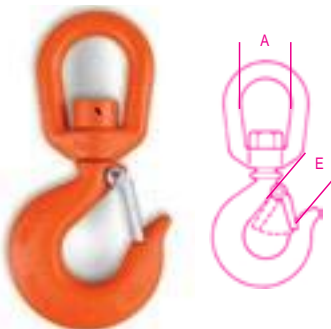
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	J min mm	ØB mm	📄	📄
1120	6	28	22	1	080570112
2000	7-8	34	25	1	080570120
3150	10	44	32	1	080570132
5300	13	54	40	1	080570153

8063

lifting swivel hooks (in unloaded condition) high-tensile alloy steel

CE



EN 1677-1

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)

- proof load test (100% of batch)

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	A mm	E mm	📄	📄
800	32	20,5	1	080630008
1120	38	20,5	1	080630011
2000	44,5	22	1	080630020
3150	44,5	27	1	080630031

8063SL

self-locking swivel hooks (not under load) high-tensile alloy steel grade 8

CE



EN 1677-1

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)

- load test (100% of batch)

AVAILABLE CERTIFICATES

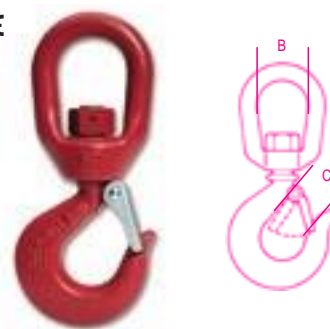
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	B mm	J mm	📄	📄
1120	6	32	45	1	080630311
2000	8	35	59	1	080630320
3150	10	42	54	1	080630331
5300	13	49	83	1	080630353

8064S

swivel lifting hooks (not under load) carbon steel, painted

CE



EN 1677-5

TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

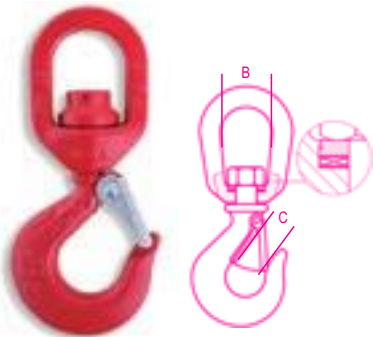
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	B mm	C mm	📄	📄
800	31	20	1	080640107
1000	40	22	1	080640110
1600	47	23	1	080640115
2000	47	27	1	080640120
3200	64	35	1	080640130
5000	77	43	1	080640150
7500	90	53	1	080640175
10000	96	58	1	080640199

8065SC

swivel load lifting hooks
carbon steel, painted

CE



EN 1677-5

TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	B mm	C mm		
800	38	20	1	080650107
1000	38	22	1	080650110
1600	47	23	1	080650115
2000	47	27	1	080650120
3200	54	35	1	080650130
5000	72	43	1	080650150
7500	82	53	1	080650175

8062

slip hooks
alloy steel, painted

CE



TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	F mm		
1500	19	10-13	1	080620013
2000	21	16	1	080620016
3000	26	18	1	080620018
5000	34	22-25	1	080620025

8051S

lifting eye hooks,
carbon steel, galvanized

CE



GRADO 4

TECHNICAL DATA

- safety factor: 4
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	F mm		
250	14	12	10	080510202
500	18	16,5	5	080510205

special free service boxes



WLL kg				
250	1	1	080519202	
500	1	1	080519205	

8135

steel plate lifting clamps
with articulated lifting eyes

CE



EN13155

TECHNICAL DATA

- Safety factor: 3
- Serial number identification plate

AVAILABLE CERTIFICATES

- Manufacturer's Certificate
- CE Declaration of Conformity
- Test report UNI EN10204 type 2.2
- Technical product specifications

WLL t	A mm	kg		
0,75	0-15	2	1	081350005
1,0	0-20	5	1	081350010
2,0	0-25	8	1	081350020
3,0	0-30	15	1	081350032
5,0	0-50	23	1	081350050

8143

hand chain blocks

CE



EN13157

Technical Data:

- Safety factor: 4
- Identification tag

Available Certificates:

- Manufacturer's Certificate
- CE Declaration of Conformity
- Test Report UNI EN10204 type 2.2
- Technical Product Specifications

WLL t	L m	H mm	sforzo / effort kg		
0,5	3	285	27	1	081430005
1	3	315	44	1	081430010
2	3	380	44	1	081430020
3	3	475	45	1	081430030
5	3	600	47	1	081430050

0,5	6	285	27	1	081430105
1	6	315	44	1	081430110
2	6	380	44	1	081430120
3	6	475	45	1	081430130
5	6	600	47	1	081430150

Robur

8146

lever hoists

CE



H

EN13157

TECHNICAL DATA

safety factor: 4

identification tag

AVAILABLE CERTIFICATES

Manufacturer's Certificate

CE Declaration of Conformity

Test Report UNI EN10204 type 2.2

Technical Product Specifications

WLL	t	L	H	sforzo / effort		
	mm	mm	mm	kg		
0,75	1,5	320	21*		1	081460008
1,5	1,5	380	41*		1	081460015
3,0	1,5	480	41		1	081460030
6,0	1,5	600	46		1	081460060

0,75	3,0	320	21*		1	081460108
1,5	3,0	380	41*		1	081460115
3,0	3,0	480	41		1	081460130
6,0	3,0	600	46		1	081460160

H= minimum distance between hooks

(*) equipped with overload protection system



8146C

lever hoist, compact

CE



H

EN13157

Technical data:

• Safety factor: 4

• Identification tag

Available Certificates:

• Manufacturer's Certificate

• CE Declaration of Conformity

• Test Report UNI EN10204 type 2.2

• Technical Product Specifications

WLL	t	L	H	sforzo / effort		
	mm	mm	mm	kg		
0,25	1,5	230	20,7		1	081460002

H= minimum distance between hooks

8149S/A

hoist chain bag,
made of black fabric



A	C	8143	8143			
mm	mm	t	L			
100	250	0,5 - 1	3/6 - 3/6		1	081490510
120	350	2 - 3	3/6 - 3		1	081490512
150	450	3 - 5	6 - 3/6		1	081490515

8147C

chain trolleys
for manual hoists

suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

CE



EN 13157

Technical data:

• Safety factor: 4

• Identification tag

Available certificates:

• Manufacturer's Certificate

• CE Declaration of Conformity

• Test report UNI EN10204 type 2.2

• Technical product specifications

WLL	L	L	Ø		
t	min	max	Lm		
mm	mm	mm	mm		
1,0	58	220	3	1	081470510
2,0	66	220	3	1	081470520
3,0	74	220	3	1	081470530
5,0	90	220	3	1	081470550

Item supplied disassembled: it must be assembled before use in accordance with instruction manual.

8147S

push trolleys
for manual beam clamps

suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

CE



EN 13157

Technical data:

• Safety factor: 4

• Identification tag

Available certificates:

• Manufacturer's Certificate

• CE Declaration of Conformity

• Test report UNI EN10204 type 2.2

• Technical product specifications

WLL	L	L	ØF		
t	min	max	mm		
mm	mm	mm	mm		
0,5	50	220	25	1	081470005
1,0	58	220	30	1	081470010
2,0	66	220	40	1	081470020

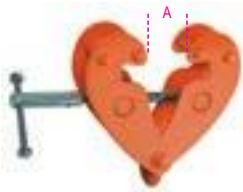
Item supplied disassembled: it must be assembled before use in accordance with instruction manual.

8147P

beam clamps for manual hoists

suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

CE



EN 13157

Technical data:

- Safety factor: 4
- Identification tag

Available certificates:

- Manufacturer's Certificate
- CE Declaration of Conformity
- Test report UNI EN10204 type 2.2
- Technical product specifications

WLL t	A min mm	A max mm		
1,0	90	180	1	081470210
2,0	90	190	1	081470220
3,0	85	280	1	081470230
5,0	85	280	1	081470250

8148

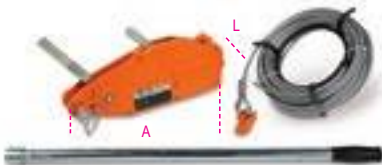
manual rope winch,
aluminium alloy body,
complete with operating lever, rope and hook

Lightweight and portable, the Robur manual rope winch complies with EN 13157, is made from high-quality materials and is suitable for lifting, pulling, tensioning and fixing loads in all directions through the operating lever.

Generally connected to a fixed lashing point, it allows for highly precise load positioning and ensures safe operation in all directions - horizontal, vertical and tilted. Based on its compact, handy design, it is easy to install and use.

The Robur manual winch makes it possible to use ropes in any length, and its capacity can be increased by a factor of 2, 3, 4 or more - provided that its frame is inspected -, by using guide rollers and hooks with blocks in accordance with the reference standard.

CE



EN 13157

- Safety factor: 4:1

WLL t	L m	A mm		
0,8	20	426	1	081480008
1,6	20	545	1	081480016
3,2	20	660	1	081480032
0,8	30	426	1	081480108
1,6	30	545	1	081480116
3,2	30	660	1	081480132

Robur

8148F

strand rope made from galvanized steel
wound on a crosspiece
with high tensile hook

CE



WLL t	L m	ØF		
0,8	20	8,3	1	081480520
1,6	20	11	1	081480521
3,2	20	16	1	081480523

0,8	30	8,3	1	081480530
1,6	30	11	1	081480531
3,2	30	16	1	081480533

8120

Genovese chains
for static connections,
galvanised



TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

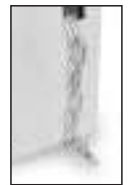
Ø mm	nr	WFL kg	m		
1,5	10	8	150	1	081200015
1,6	12	15	150	1	081200016
2,2	14	25	75	1	081200022
2,7	16	40	75	1	081200027
3,0	17	55	75	1	081200030
3,4	18	100	60	1	081200034
3,8	19	110	50	1	081200038
4,4	20	200	40	1	081200044
4,8	21	250	30	1	081200048
5,5	22	300	25	1	081200055
5,8	23	310	25	1	081200058
6,5	24	400	25	1	081200065
7,0	25	450	25	1	081200070
7,5	26	550	20	1	081200075
* 8,0	27	600	25	1	081200080
* 9,0	28	800	25	1	081200090
* 10,0	30	1000	20	1	081200100
* 12,0	32	1400	15	1	081200120

Caution: product NOT designed for lifting purposes

(*) available in COILS

8120B

Genovese chains
for static connections,
galvanised



TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report type 2.2 UNI EN10204

Ø mm	nr	WFL kg	m		
1,5	10	8	200	1	081200315
1,6	12	15	200	1	081200316
2,2	14	25	100	1	081200322
2,7	16	40	100	1	081200327
3,0	17	55	75	1	081200330
3,4	18	100	100	1	081200334
3,8	19	110	75	1	081200338
4,4	20	200	50	1	081200344
4,8	21	250	50	1	081200348
5,5	22	300	40	1	081200355
5,8	23	310	30	1	081200358
6,5	24	400	30	1	081200365
7,0	25	450	25	1	081200370
7,5	26	550	25	1	081200375
8,0	27	600	15	1	081200380
9,0	28	800	15	1	081200390
10,0	30	1000	10	1	081200400
12,0	32	1400	8	1	081200420

Caution: NOT for lifting

8120D

calibrated chains DIN766
electrolytic galvanized
available in any length on request (>30m)



TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	P	WFL kg	m		
4	16	200	30	1	081200640
5	18,5	320	30	1	081200650
6	18,5	400	30	1	081200660
7	22	630	30	1	081200670
8	24	800	30	1	081200680
10	28	1250	30	1	081200700

calibrated chains DIN766
HOT-DIP galvanized

Ø mm	P	WFL kg	m		
4	16	200	30	1	081200840
5	18,5	320	30	1	081200850
6	18,5	400	30	1	081200860
7	22	630	30	1	081200870
8	24	800	30	1	081200880
10	28	1250	30	1	081200900

Robur

8129

barrier chain,
made of galvanized metal painted in red and white

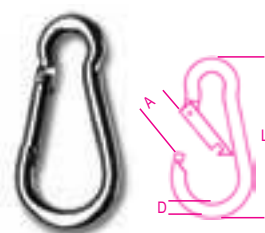


Ø mm	m	1	081290050
5	30		

Caution: NOT for lifting or anchoring

8074

carabine hooks,
galvanized



DIN 5299

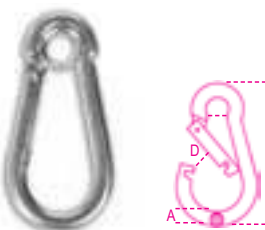
TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

DxL mm	A mm	WFL kg	50	25
* 4x40	6	20	100	080740040
5x50	7	30	100	080740050
6x60	8	40	100	080740060
7x70	9	60	50	080740070
8x80	11	75	50	080740080
9x90	12	100	25	080740090
10x100	13	120	25	080740100
11x120	16	140	20	080740101
12x140	22	140	15	080740102
13x160	24	200	10	080740103
* 14x180	32	250	5	080740104

8074A

ring carabine hooks,
galvanized



DIN 5299

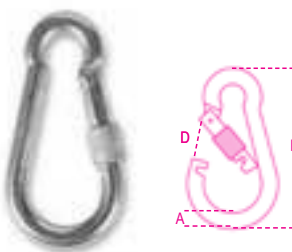
TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

øAxL mm	D mm	WFL kg	50	25
5x50	7,4	30	50	080740405
6x60	8,7	40	50	080740406
8x80	10,5	75	25	080740408
10x100	13,3	120	10	080740410

8074G

carabine hooks with screw nut,
galvanized



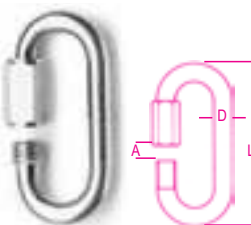
TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

øAxL mm	D mm	WFL kg	50	25
5x50	7,5	30	50	080740305
6x60	8,5	40	50	080740306
8x80	10,3	75	25	080740308
10x100	10,6	120	10	080740310

8080

quick links,
galvanized



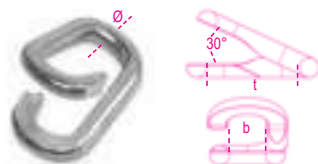
TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

DxL mm	A mm	WFL kg	100	50
3,5x36	5	20	100	080800003
4x40	6	30	100	080800004
5x49	6	50	100	080800005
6x57	8	60	100	080800006
7x66	8	100	50	080800007
8x74	11	140	50	080800008
9x80	11	160	25	080800009
10x89	11	220	25	080800010
12x105	15	300	20	080800012
14x125	16,5	400	3	080800014

8080FM

missing links,
galvanized



TECHNICAL DATA

- safety coefficient: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

M	ød mm	b mm	t mm	100	50
4	3,8	8,6	21,5	100	080800204
5	4,7	11,1	25,8	50	080800205
6	5,3	13,8	32,0	30	080800206
7	6,5	16,8	37,0	10	080800207
8	8,0	18,0	38,0	10	080800208

8082

rings
galvanised steel



AVAILABLE CERTIFICATES:
Test Report UNI EN10204 type 2.2

Ø mm	ØD mm	WFL kg	50	25
4	20	75	50	080820004
5	30	125	20	080820005
6	40	185	10	080820006
7	50	265	5	080820007
8	60	350	5	080820008

8083

S-hooks
galvanised steel

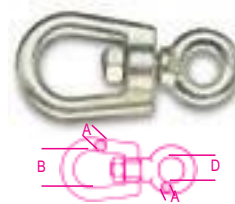


AVAILABLE CERTIFICATES:
Test report UNI EN10204 type 2.2

Ø mm	L mm	WFL kg	100	50
3	33	4	100	080830003
4	40	5	60	080830004
5	47	12	50	080830005
6	59	18	30	080830006
8	79	33	10	080830008

8114

oblong eye swivels,
galvanized



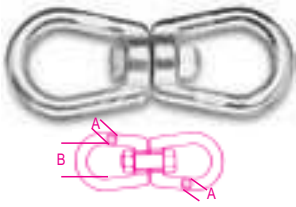
TECHNICAL DATA

- safety factor: 4
- traceability code
- LABORATORY TESTS
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1

A mm	B mm	D mm	WFL kg	10	5
8	30	16	250	10	081140008
10	38	18	300	10	081140010
12	42	20	650	5	081140012
14	48	22	820	5	081140014
16	57	24	1000	3	081140016
18	64	26	1600	3	081140018
20	72	30	2000	1	081140020
22	80	34	2500	1	081140022

8116

oblong eye & eye swivels,
galvanized



TECHNICAL DATA

• safety factor: 4

• traceability code

LABORATORY TESTS

• tensile test

AVAILABLE CERTIFICATES

• Technical product specifications

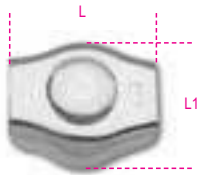
• Test report UNI EN10204 type 2.2

• Inspection certificate UNI EN10204 type 3.1

A mm	B mm	WFL kg		
6	23	140	10	081160006
8	30	250	10	081160008
10	38	300	5	081160010
12	42	650	5	081160012
14	48	820	3	081160014
16	57	1000	3	081160016
18	64	1600	1	081160018
20	72	2000	1	081160020
22	80	2500	1	081160022

8317SZ

simplex wire rope clips
galvanized



AVAILABLE CERTIFICATES

• Test report UNI EN10204 type 2.2

Ø mm	L mm	L1 mm		
2	15	14	100	083170102
3	18	16	100	083170103
4	20	19	100	083170104
5	24	23	50	083170105
6	30	27	30	083170106
8	36	34	20	083170108
10	42	37	10	083170110

8317DZ

duplex wire rope clips
galvanized



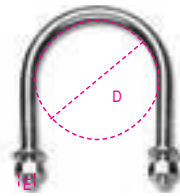
AVAILABLE CERTIFICATES

• Test report UNI EN10204 type 2.2

Ø mm	L mm	L1 mm		
2	30	14	50	083170002
3	35	15	50	083170003
4	40	18	50	083170004
5	50	21	25	083170005
6	60	25	20	083170006
8	76	33	10	083170008
10	95	37	10	083170010

8381SL

U bolts for pipes, light type,
galvanized



AVAILABLE CERTIFICATES

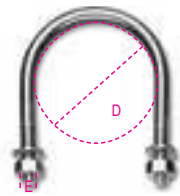
• Technical product specifications

• Test report UNI EN10204 type 2.2

D mm	D gas	E mm		
11	1/8"	M6	100	083810201
14	1/4"	M6	100	083810202
18	3/8"	M6	100	083810203
22	1/2"	M6	100	083810204
27	3/4"	M6	100	083810205
34	1"	M6	100	083810206
43	1 1/4"	M6	100	083810207
49	1 1/2"	M8	50	083810208
61	2"	M8	50	083810209
77	2 1/2"	M8	25	083810210
89	3"	M8	25	083810211
102	3 1/2"	M8	25	083810212
115	4"	M8	25	083810213
140	5"	M8	25	083810215
168	6"	M10	25	083810218
220	8"	M10	10	083810220

8381SP

U bolts for pipes, heavy type,
galvanized



AVAILABLE CERTIFICATES

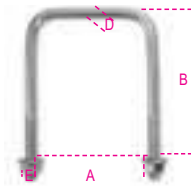
• Technical product specifications

• Test report UNI EN10204 type 2.2

D mm	D gas	E mm		
22	1/2"	M8	100	083810301
27	3/4"	M8	100	083810302
34	1"	M8	100	083810303
43	1 1/4"	M8	100	083810304
49	1 1/2"	M10	25	083810305
61	2"	M10	25	083810306
77	2 1/2"	M10	25	083810307
89	3"	M10	25	083810308
102	3 1/2"	M12	25	083810309
115	4"	M12	15	083810310
140	5"	M12	15	083810312
168	6"	M16	15	083810315
220	8"	M16	10	083810320
274	10"	M16	1	083810374
274	10"	M20	1	083810375
324	12"	M20	1	083810386
408	16"	M24	1	083810508

8383C

square U bolts,
hot galvanized
Flanged nuts



AVAILABLE CERTIFICATES

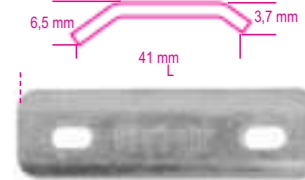
• Technical Product Specifications

• Test Report UNI EN10204 type 2.2

A mm	E mm	B mm	D mm		
70	M10	110	8,55	130	083830070
80	M10	120	8,55	110	083830080
90	M10	130	8,55	100	083830090
100	M10	155	8,55	90	083830100
120	M10	175	8,55	70	083830120

8383P

plates for square U bolts
hot galvanized



AVAILABLE CERTIFICATES

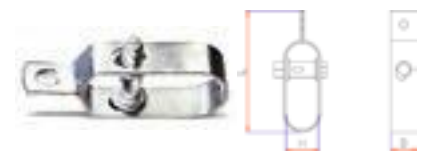
• Technical product specifications

• Test report UNI EN10204 type 2.2

	L mm		
8383P 150	150	150	083830214
8383C/70-80			
/90-100			
8383P 170	170	120	083830217
8383C/100-120			

8515Z

wire tenders, galvanized



Available Certificates

• Test Report UNI EN10204 type 2.2

D mm	H mm	L mm		
20	25	93	50	085150002
24,5	30	100	50	085150003

8515V

wire tenders,
painted



Available Certificates

• Test Report UNI EN10204 type 2.2

D mm	H mm	L mm		
20	25	93	50	085150102
24,5	30	100	50	085150103



8515CH

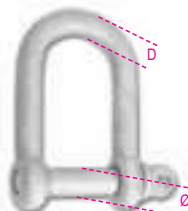
wire tender keys, galvanized



L	OA	OB		
mm	mm	mm		
90	8	7,5	20	085150901

8531

dee FISHING shackles, hot-dip galvanized



AVAILABLE CERTIFICATES

• Test report UNI EN10204 type 2.2

Ø	D	WFL		
mm	mm	kg		
20	18	1600	1	085310018
22	20	2500	1	085310020

8532

dee FISHING shackles with square head screw pin, black painted



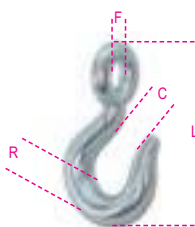
AVAILABLE CERTIFICATES

• Test report UNI EN10204 type 2.2

Ø	D	WFL		
mm	mm	kg		
20	20	1600	1	085320020
22	22	2500	1	085320022

8535

fishing hooks, galvanized



AVAILABLE CERTIFICATES

• Test report UNI EN10204 type 2.2

R	C	F	L		
mm	mm	mm	mm		
26	27,5	34	156	1	085350006
30	36,5	40	185	1	085350007

8130

antitheft chains, made of alloy steel, case-hardened, tempered, galvanized



AVAILABLE CERTIFICATES:

Test report UNI EN10204 type 2.2

Ø	L		
mm	mm		
6	800	1	081300068
8	1000	1	081300081
8	1200	1	081300082
10	1500	1	081300105

8130A

anti-theft chains with rings, made of alloy steel, case-hardened, tempered, galvanized



Ø	L		
mm	mm		
10	900	1	081300209

8131Z

antitheft chains with padlocks



Ø	L	8139Z		
mm	mm	Ø mm		
6	800	8	1	081310060

8131DL

disc lock with anti-theft chain 8130A



Ø	L		
mm	mm		
10	900	1	081310209

8139DL

motorcycle disc locks, made of hardened steel, shockproof PVC, blister-packed

- supplied with 3 keys, signalling cable, case
- suitable for 10mm chains

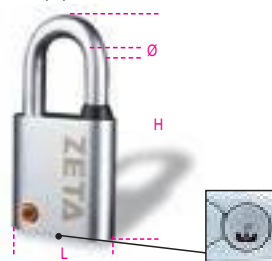


Ø	L	H		
mm	mm	mm		
14	108	56	1	081390214

8139Z

padlocks for antitheft chains, zinc alloy bodies

- supplied with 3 mapped keys
- suitable for chains 6, 8, 10 mm



Ø	L	H		
mm	mm	mm		
8	45	90	1	081390008

8139ZCH

3 neutral spare keys for locks 8139Z



8139ZCH	1	081390909
---------	---	-----------

suitable for locks Ø8 and Ø10

8050 D1÷D45

safety locks and spare parts kit for eye hooks



8050D1	1	080500945
8064S-8065SC/800		
8055S/1250		
8050D2	1	080500946
8064S-8065SC/1000-8062/1500-		
8055S/1600		
8050D3	1	080500947
8064S-8065SC/1600-2000		
8055S/2500-3200		
8050D4	1	080500948
8064S-8065SC/3200		
8055S/5400		
8050D5	1	080500949
8064S-8065SC/5000		
8055S/8000		

8050D6	1	080500950
8064S/7500		
8055S/11500		
8050D11	1	080500955
8062/2000		
8050D12	1	080500956
8062/3000		
8050D13	1	080500957
8062/5000		
8050D22	1	080500966
8064S/10000		
8055S/16000		
8050D23	1	080500967
8055S/22000		
8050D24	1	080500969
8051S/250		
8050D25	1	080500970
8051S/500		
8050D30	1	080500975
8061F/8000		
8050D32	1	080500977
8060/8000		
8050D33	1	080500978
8052/800		
8050D34	1	080500979
8052/1120		
8050D35	1	080500980
8052/2000		
8050D36	1	080500981
8052/3150		
8050D37	1	080500982
8052/4000		
8050D38	1	080500983
8060R/1120		
8050D53	1	080500994
8060R/1500		
8050D39	1	080500984
8060R/2000		
8050D40	1	080500985
8060R/3150		
8050D41	1	080500986
8060R/5300		
8050D42	1	080500987
8063/800		
8050D43	1	080500988
8063/1120		
8050D44	1	080500989
8063/2000		
8050D45	1	080500990
8063/3150		



8050D46	1	080500991
8061R/1120		
8050D47	1	080500992
8061R/2000		
8050D48	1	080500993
8061R/3150		
8050D54	1	080500995
8061R/5300		



8050 D49	1	080500849
8057R - 8058R - 8063SL /1120		
8050 D50	1	080500850
8057R - 8058R - 8063SL /2000		
8050 D51	1	080500851
8057R - 8058R - 8063SL /3150		
8050 D52	1	080500852
8057R - 8058R - 8063SL /5300		

8058R/PS

pin kit for hooks item 8058R-8061R



	Ø mm	
8058R/PS	6	1 080580512
8058R/PS	7-8	1 080580520
8058R/PS	10	1 080580532
8058R/PS	13	1 080580553

8060R/PS

pin kit for hooks item 8060R



	Ø mm	
8060R/PS	6	1 080600511
8060R/PS	7	1 080600515
8060R/PS	8	1 080600520
8060R/PS	10	1 080600532
8060R/PS	13	1 080600553

8135/KLA1

operating lever kit
for lifting clamps 8135



8135	t	
0,75	1	081350605
1,00	1	081350610
2,00	1	081350615
3,00	1	081350620
5,00	1	081350625

Responsibility for repairs rests with repairer.

8135/KCA

cam kit
for lifting clamps 8135



8135	t	
0,75	1	081350630
1,00	1	081350635
2,00	1	081350640
3,00	1	081350645
5,00	1	081350650

Responsibility for repairs rests with repairer.

8135/KMO

spring kit for lifting clamps 8135



8135	t	
0,75	1	081350655
1,00	1	081350660
2,00	1	081350665
3,00	1	081350670
5,00	1	081350675

Responsibility for repairs rests with repairer.

8135/KGF

fixed jaws kit

Responsibility for repairs rests with repairer.



8135	t	
0,75	1	081350705
1,00	1	081350710
2,00	1	081350720
3,00	1	081350730
5,00	1	081350750

8135/KGM

moving jaws kit

Responsibility for repairs rests with repairer.



8135	t	
0,75	1	081350805
1,00	1	081350810
2,00	1	081350820
3,00	1	081350830
5,00	1	081350850

8143/RKL

kit of upper and lower hook latches
for hand chain hoists 8143



8143	WLL t	
0,5	1	081430500
1,0	1	081430501
2,0	1	081430502
3,0	1	081430503
5,0	1	081430504

8143/RPC

kit of hook chain block pins
for hand chain hoists 8143



8143	WLL t	
0,5	1	081430510
1,0	1	081430511
2,0	1	081430512
3,0	1	081430513
5,0	1	081430514



8143/RPF

kit of stop pins
for hand chain blocks 8143



8143 WLL t		
0,5	1	081430520
1,0	1	081430521
2,0	1	081430522
3,0	1	081430523
5,0	1	081430524

8143/RKCI

kit of lower hook bodies
for hand chain hoists 8143



8143 WLL t		
0,5	1	081430560
1,0	1	081430561
2,0	1	081430562
3,0	1	081430563
5,0	1	081430564

8146/RK

safety locks, pins and stops
for hand LEVER hoists 8146C-8146



8146C-8146 WLL t		
0,25	1	081460902

8146/RKL

kit of upper and lower hook latches
for hand lever hoists 8146



8146 WLL t		
0,75	1	081460500
1,5	1	081460501
3,0	1	081460502
6,0	1	081460503

8146/RPC

kit of hook chain block pins
for hand lever hoists 8146



8146 WLL t		
0,75	1	081460510
1,5	1	081460511
3,0	1	081460512
6,0	1	081460513

8146/RKFC

kit of stops
for hand lever hoists 8146



8146 WLL t		
0,75	1	081460520
1,5	1	081460521
3,0	1	081460522
6,0	1	081460523

8146/RKCI

kit of lower hook bodies
for hand lever hoists 8146



8146 WLL t		
0,75	1	081460560
1,5	1	081460561
3,0	1	081460562
6,0	1	081460563

8148/RA

crosspiece for wire ropes of manual rope
winches 8148



8148 t		
0,8	1	081480900
1,6	1	081480901
3,2	1	081480902

8148/RKS

set of 3 overload shear pins
for manual rope winches 8148



8148 t		
0,8	1	081480903
1,6 - 3,2	1	081480904

8148/RKCM

set of 2 handle caps
for manual rope winches 8148



8148/RKCM		
	1	081480905

8148/RKCL

set of 2 lever caps
for manual rope winches 8148



8148RKCL		
	1	081480906

8148/RP

anchor pins
for manual rope winches 8148



8148 t		
0,8	1	081480907
1,6	1	081480908
3,2	1	081480909

8148/RKG

set of 2 protective sheaths
for manual rope winches 8148

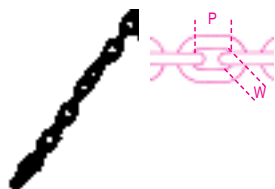


8148 t		
0,8	1	081480910
1,6	1	081480911
3,2	1	081480912

8149

lifting chains, high-tensile alloy steel

CE



EN 818-7

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	WLL Kg	P mm	W min		
4	500	12	4,8	1	081490012
5	800	15	6,0	1	081490015
6	1100	18	7,2	1	081490018
6,3	1200	19	7,6	1	081490019
8	2000	24	9,6	1	081490024
10	3200	30	12	1	081490030

8149CM

hand chains for chain blocks 8143



Ø mm	B mm	t mm		
4,8	8,2	22,2	1	081490901

* CAUTION: Product is delivered in one length of chain, unless otherwise specified in order!

8149CM/RA

spare welded ring
hand chain for chain blocks 8143



L m	Ø mm	B mm		
3	4,8	8,2	1	081490903
6	4,8	8,2	1	081490906

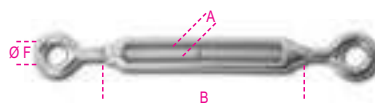
*Welded closed ring. Please read manual carefully before replacing chain.



Breaking force (BF)
on technical specifications
WWW.ROBURITALY.COM

8205

eye and eye turnbuckle
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

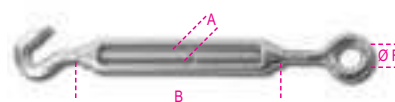
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	Ø F mm	WFL kg		
M4	62	8	75	10	082050204
M5	72	11	115	10	082050205
M6	92	12	160	8	082050206
M8	122	14	300	8	082050208
M10	150	16	470	4	082050210
M12	201	18	690	1	082050212
M14	225	22	940	1	082050214
M16	244	26	1290	1	082050216
M20	295	29	2130	1	082050220
M24	350	33	3000	1	082050224

8206

hook and eye turnbuckle
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

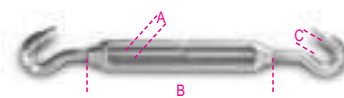
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	Ø F mm	WFL kg		
M5	72	11	25	10	082060205
M6	92	12	45	5	082060206
M8	122	14	95	5	082060208
M10	150	16	140	1	082060210
M12	201	18	300	1	082060212
M14	225	22	420	1	082060214
M16	244	26	570	1	082060216
M20	295	29	875	1	082060220

8207

hook and hook turnbuckle
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

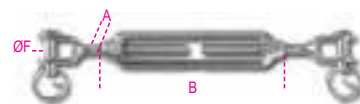
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	C mm	WFL kg		
M5	72	9	25	10	082070205
M6	92	9	45	5	082070206
M8	122	10	95	5	082070208
M10	150	12	140	1	082070210
M12	201	14	300	1	082070212
M14	225	15	420	1	082070214
M16	244	16	570	1	082070216
M20	295	19	875	1	082070220

8209

jaw and jaw turnbuckle
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

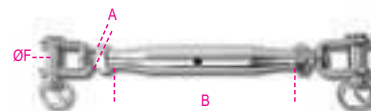
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	Ø F mm	WFL kg		
M5	72	5	115	5	082090205
M6	92	6	160	5	082090206
M8	122	8	300	5	082090208
M10	150	10	470	1	082090210
M12	201	12	690	1	082090212
M14	225	14	940	1	082090214
M16	244	16	1290	1	082090216
M20	295	20	2130	1	082090220
M24	350	24	3060	1	082090224

8210

jaw and jaw pipe turnbuckle
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	Ø F mm	WFL kg		
M5	81	5	115	3	082100205
M6	92	6	160	3	082100206
M8	112	8	300	1	082100208
M10	121	10	470	1	082100210
M12	150	12	690	1	082100212
M14	169	14	940	1	082100214
M16	190	16	1290	1	082100216
M20	220	20	2130	1	082100220

8210FTP

rigging screws with fixed jaw and press-fitting terminal

pipe turnbuckle bodies

AISI 316 stainless steel

Steel with Nickel, Chromium and Molybdenum for increased corrosion resistance.



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø mm	A mm	øD mm	WFL kg		
M5	159	2,70	150	2	082100605
M6	179	3,30	250	2	082100606
M8	216	4,30	350	1	082100608
M10	241	5,30	550	1	082100610
M12	300	6,30	1000	1	082100612
M14	345	7,30	1350	1	082100614
M16	383	8,30	1625	1	082100616
M20	484	10,50	2125	1	082100620

8201T

pipe bodies

AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

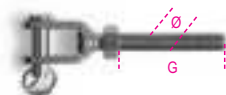
AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

ø mm	ø mm	WFL kg	L mm		
M6	1/4	160	95	5	082010406
M8	5/16	300	105	5	082010408
M10	3/8	470	125	3	082010410
M12	1/2	690	150	3	082010412
M14	9/16	940	165	1	082010414
M16	5/8	1290	190	1	082010416
M20	3/4	2130	210	1	082010420

8210F

turnbuckle jaws,
stainless steel AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø mm	≈ mm	G mm	WFL kg		
M5	3/16	38,5	115	4	082100305
M6	1/4	49	160	4	082100306
M8	5/16	56	300	4	082100308
M10	3/8	61	470	2	082100310
M12	1/2	81	690	2	082100312
M14	9/16	93	940	2	082100314

left-handed thread

ø mm	≈ mm	G mm	WFL kg		
M5	3/16	38,5	115	4	082100405
M6	1/4	49	160	4	082100406
M8	5/16	56	300	4	082100408
M10	3/8	61	470	2	082100410
M12	1/2	81	690	2	082100412
M14	9/16	93	940	2	082100414

8248

eye tie rods,
stainless steel 316L,
right thread



UNI 6058

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

øxL mm	F mm		
8X120	6	1	082480008
10x80	8	1	082480010
10x130	8	1	082480012
12x95	10	1	082480016
12x125	10	1	082480018

8249

fastening eyebolts, right thread
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	øB mm	D mm	WFL kg		
M5	11	50	100	10	082490205
M6	13	55	160	10	082490206
M8	17	60	300	5	082490208
M10	21	80	470	5	082490210
M12	25	120	690	2	082490212

8249G

fastening hooks
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

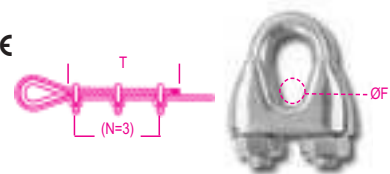
A mm	E mm	øF mm	WFL kg		
M5	39	9	25	5	082490305
M6	43	10,5	45	5	082490306
M8	57	14,5	95	3	082490308

8216

wire rope clips

AISI 316

CE



LABORATORY TESTS

- chemical analysis
- torque test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

ø F mm	"	T	N		
2	5/64	80	3	20	082160202
3	1/8	80	3	20	082160203
4	5/32	80	3	20	082160204
5	3/16	110	3	20	082160205
6	1/4	120	5	10	082160206
8	5/16	210	5	10	082160208
10	3/8	240	5	8	082160210
12-13	1/2	300	5	5	082160213
16	5/8	335	5	5	082160216
20	3/4	540	5	5	082160220
22	7/8	595	7	3	082160222

special free service boxes

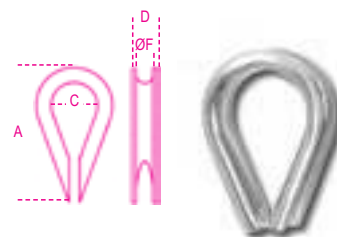


ø F mm			
2	4	1	082169402
3	4	1	082169403
4	4	1	082169404
5	2	1	082169405
6	2	1	082169406
8	2	1	082169408
10	2	1	082169410

8220

thimbles

AISI 316



LABORATORY TESTS

- chemical analysis

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø F mm	D mm	A mm	C mm		
2	4,5	21	7,5	15	082200202
3	6	24	10	15	082200203
4	6,6	28	11	10	082200204
5	8,5	30	13	10	082200205
6	10	37	15	10	082200206
8	12,5	51	23	5	082200208
10	14,6	56	27	5	082200210
12	18	68	32	5	082200212
14	19	69	34	5	082200214
16	22	83	37	5	082200216
18	23	81	38	1	082200218
20	27,8	105	45	1	082200220
22	29,6	112	45	1	082200222

8225

dee shackles
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D	A	WFL		
mm	"	mm	kg	
4	5/32	8	50	20 082250204
5	3/16	11	70	20 082250205
6	1/4	13	100	10 082250206
8	5/16	17	250	10 082250208
10	3/8	21	400	8 082250210
12	1/2	25	600	3 082250212
16	5/8	32	1000	1 082250216
19	3/4	38	1600	1 082250219
22	7/8	43	2000	1 082250222
25	1	46	2800	1 082250225

8227

long dee shackles
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

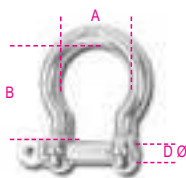
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D	A	WFL		
mm	"	mm	kg	
4	5/32	8	50	10 082270204
5	3/16	10	70	10 082270205
6	1/4	13,5	100	5 082270206
8	5/16	17	250	5 082270208
10	3/8	21	400	2 082270210
12	1/2	25	600	1 082270212

8228

bow shackles
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D	A	B	WFL		
mm	mm	mm	kg		
4	13	20	60	10 082280204	
5	17	23	80	10 082280205	
6	20	27	100	10 082280206	
8	28	36	200	5 082280208	
10	36	44	300	5 082280210	
12	41	53	500	5 082280212	
16	54	74	800	1 082280216	
19	66	86	1100	1 082280219	

8240F

lifting eye bolts, FORGED
stainless steel A4

CE



TECHNICAL DATA

- safety factor: 6
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ø	WLL			
mm	mm	kg		
M6	1,0	120	4	082400406
* M8	1,25	200	4	082400408
* M10	1,5	400	4	082400410
* M12	1,75	600	4	082400412
* M14	2	1000	2	082400414
* M16	2	1200	2	082400416
* M20	2,5	2000	2	082400420
* M24	3	2700	2	082400424
* M30	3,5	4000	1	082400430

(*) WLL increased compared to DIN standard according to Technical Specifications R/FT/8240F (guaranteed for stainless steel / stainless steel fits)

8240

eye bolts,
stainless steel AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A	B	ø C	WFL		
mm	mm	mm	kg		
M6	41	15	90	10	082400206
M8	50	20	140	10	082400208
M10	62	25	230	5	082400210
M12	74	30	340	5	082400212

8242F

lifting eye nuts, FORGED
stainless steel A4

CE



TECHNICAL DATA

- safety factor: 6
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of conformity

ø	WLL			
mm	mm	kg		
M6	1,0	120	4	082420406
* M8	1,25	200	4	082420408
* M10	1,5	400	4	082420410
* M12	1,75	600	4	082420412
* M14	2	1000	2	082420414
* M16	2	1200	2	082420416
* M20	2,5	2000	2	082420420
* M24	3	2700	2	082420424
* M30	3,5	4000	1	082420430

(*) WLL ø M10+M24

- increased according to Technical File R/FT/8242F
- guaranteed with stainless steel coupling

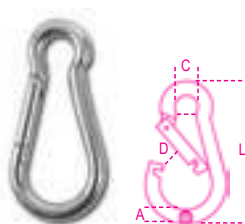
Robur

8242
eye nuts
stainless steel AISI 316



A	B	ø C	WFL		
mm	mm	mm	kg		
M6	27	15	90	10	082420206
M8	36	20	140	10	082420208
M10	45	25	230	5	082420210
M12	55	30	340	5	082420212

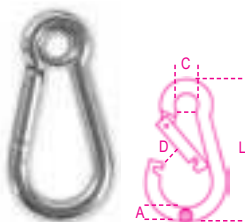
8274
carbine hooks
AISI 316



LABORATORY TESTS
• chemical analysis
• tensile test
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL		
mm	mm	mm	kg		
4,5x40	6,5	6	20	20	082740204
5x50	7	6,5	30	20	082740205
6x60	8,5	7,5	40	10	082740206
7x70	10	9	60	10	082740207
8x80	12	10	75	10	082740208
9x90	12,5	10,5	100	10	082740209
10x100	15	13	120	8	082740210
11x120	19	18	140	1	082740211
12x140	22	21	140	1	082740212
13x160	22	26	200	1	082740213

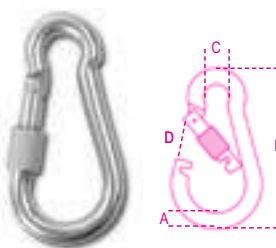
8274A
ring carbine hooks
AISI 316



LABORATORY TESTS
• chemical analysis
• tensile test
AVAILABLE CERTIFICATES
• Technical Product Specifications
• Test Report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL		
mm	mm	mm	kg		
5x50	6,5	7	30	10	082740405
6x60	7,5	7,5	40	5	082740406
8x80	9,5	10	75	5	082740408

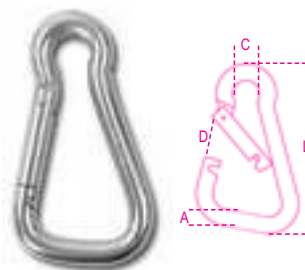
8274G
carbine hooks with screw nut
AISI 316



LABORATORY TESTS
• chemical analysis
• tensile test
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL		
mm	mm	mm	kg		
6x60	8,5	6,5	40	5	082740306
8x80	12	8,5	75	5	082740308
10x100	15	12	120	3	082740310

8276
asymmetric carbine hooks
AISI 316

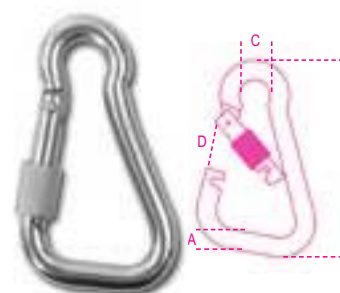


LABORATORY TESTS
• chemical analysis
• tensile test
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL		
mm	mm	mm	kg		
6x60	8,5	10	40	5	082760206
8x80	12	14	75	5	082760208
10x100	15	18	120	3	082760210

Robur

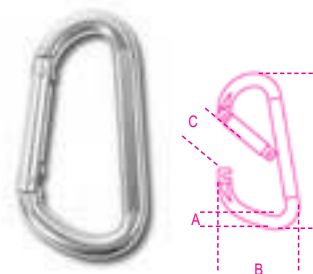
8276G
asymmetric carbine hooks with screw nut
AISI 316



LABORATORY TESTS
• chemical analysis
• tensile test
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL		
mm	mm	mm	kg		
6x60	8,5	9	40	3	082760306
8x80	12	12,5	75	3	082760308
10x100	15	16	120	3	082760310

8278
trapezoidal carbine hooks
AISI 316



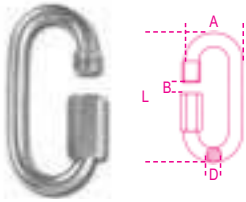
LABORATORY TESTS
• chemical analysis
• tensile test
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

ø A x L	B	C	WFL		
mm	mm	mm	kg		
8x80	45	14	75	3	082780208
10x100	55	16	120	3	082780210

Robur

8280

quick links
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

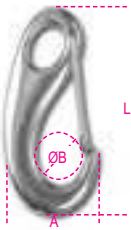
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D x L	A	B	WFL		
mm mm	mm	mm	mm	kg	
3,5x35	17	5	20	10	082800203
4x40	19	6	30	10	082800204
5x50	23	7	50	5	082800205
6x60	26	8	60	5	082800206
7x70	30	9	100	5	082800207
8x80	33	10	140	2	082800208
10x90	40	12	220	2	082800210
12x100	47	14	300	1	082800212

8250

spring snap-casting eye end
AISI 316



LABORATORY TESTS

- chemical analysis

- tensile test

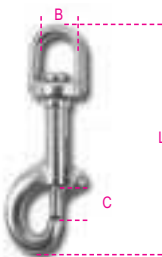
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

L	A	ø B	WFL		
mm	mm	mm	kg		
50	25	8	40	5	082500205
70	31	12,5	90	5	082500207
100	47	20	190	2	082500210

8264

swivel eye bolt snap
AISI 316



LABORATORY TESTS

- chemical analysis

- tensile test

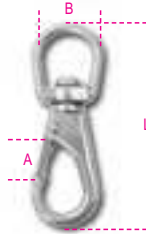
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

B	L	C	WFL		
mm	mm	mm	kg		
12	88	12	60	5	082640212
16	90	12	60	5	082640216
19	93	12	60	2	082640219

8267

swivel eye snap
AISI 316



LABORATORY TESTS

- chemical analysis

- tensile test

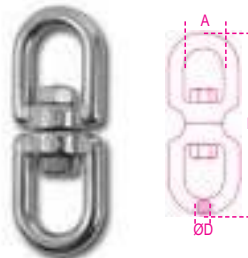
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A	L	B	WFL		
mm	mm	mm	kg		
10	87	21	30	5	082670210
12	118	22	70	2	082670213

8272

eye and eye swivels
AISI 316



LABORATORY TESTS

- chemical analysis

- tensile test

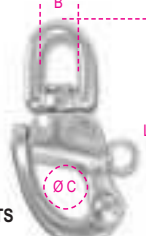
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D	A	L	WFL		
mm	mm	mm	kg		
4	11	50	90	5	082720204
5	13	60	115	5	082720205
6	15	66	140	5	082720206
8	19	90	250	3	082720208
10	23	112	300	1	082720210
13	33	148	650	1	082720213
16	38	184	1000	1	082720216
19	40	223	1600	1	082720219

8273

quick-release hooks
with swivel eyes
AISI 316 stainless steel



LABORATORY TESTS

- chemical analysis

- tensile test

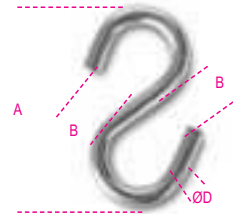
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø C x L	B	WFL	BF		
mm mm	mm	mm	kg	kg	
12x70	12	230	1100	1	082730012
16x85	14,50	440	2000	1	082730016
22x120	20	700	3500	1	082730022

8282S

S-hooks, symmetric
AISI 316 stainless steel



LABORATORY TESTS

- chemical analysis

- tensile test

AVAILABLE CERTIFICATES

- Product specifications
- Test report type 2.2 UNI EN10204

ø D	B	A	WFL		
mm	mm	mm	kg		
3	5,5	34	4	40	082820303
4	7,0	40	5	30	082820304
5	9,0	46	12	20	082820305
6	10	54	18	15	082820306

8284

pelican hooks terminals
AISI 316 stainless steel



LABORATORY TESTS

- chemical analysis

- tensile test

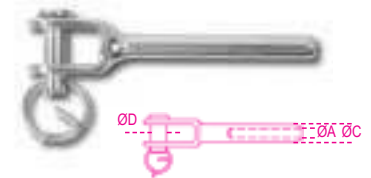
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø C	B	L	WFL		
mm	mm	mm	kg		
6	11	73	200	3	082840006
8	14	98	300	3	082840008
10	23	143	450	1	082840010

8285

jaw terminals
AISI 316



LABORATORY TESTS

- chemical analysis

- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A	ø C	ø D	WFL		
M	mm	mm	kg		
3	6,3	6	180	5	082850203
4	7,5	8	200	3	082850204
5	9	10	330	2	082850205
6	12,5	12	720	2	082850206
7	12,5	12	850	2	082850207
8	15,5	16	1120	2	082850208
10	18	16	1300	2	082850210
12	20	19	2400	2	082850212

8286

eye terminals
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø D	Ø A	Ø C	WFL		
M	mm	mm	kg		
3	6,5	6,3	180	5	082860203
4	8,5	7,5	200	3	082860204
5	10	9	330	2	082860205
6	12,5	12,6	720	2	082860206
7	12,5	14,2	850	2	082860207
8	14,5	16	1120	2	082860208
10	16,4	18	1300	2	082860210
12	19,3	20	2400	2	082860212

8287

swage studs
AISI 316



LABORATORY TESTS

- chemical analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø D	Ø A	E	WFL		
M	mm	mm	kg		
3	6,2	M6	180	5	082870203
4	7,5	M8	200	3	082870204
5	8,7	M10	330	2	082870205
6	12,6	M12	720	2	082870206
7	12,6	M14	850	2	082870207
8	16	M16	1120	2	082870208
10	18	M16	1300	2	082870210
12	20	M20	2400	2	082870212

8290

pad eyes
AISI 316



LABORATORY TESTS

- chemical analysis

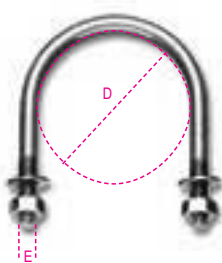
AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø A	B	Ø C	L		
mm	mm	mm	mm		
5	18	4,3	40	5	082900205
6	22	5,2	44	5	082900206
8	23	5,2	51	5	082900208

8381SX

U bolts for pipes



AISI 304

LABORATORY TESTS

- chemical analysis

AVAILABLE CERTIFICATES

- Test report UN1EN10204 type 2.2

D	D	E		
mm	gas	mm		
11	1/8"	M6	20	083810401
14	1/4"	M6	20	083810402
18	3/8"	M6	20	083810403
22	1/2"	M6	20	083810404
27	3/4"	M6	20	083810405
34	1"	M6	20	083810406
43	1 1/4"	M6	20	083810407
49	1 1/2"	M8	10	083810408
61	2"	M8	10	083810409
77	2 1/2"	M8	10	083810410
89	3"	M8	10	083810412
115	4"	M8	10	083810413
168	6"	M10	1	083810416
220	8"	M10	1	083810418

8279

Genovese chains
for static connections,
AISI 304 stainless steel



TECHNICAL DATA

- safety factor: 4

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	nr	WFL		
		kg	m	
2	13	20	50	1 082790020
3	17	55	50	1 082790030
4	19	100	50	1 082790040
5	21	250	40	1 082790050
6	23	310	30	1 082790060
8	27	400	15	1 082790080
10	30	1000	10	1 082790400

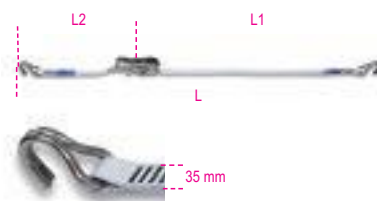
Caution: product NOT designed for lifting purposes



8293

ratchet tie downs AISI 304
high-tenacity polyester belt, LC 300 kg,
with hooks

hangable



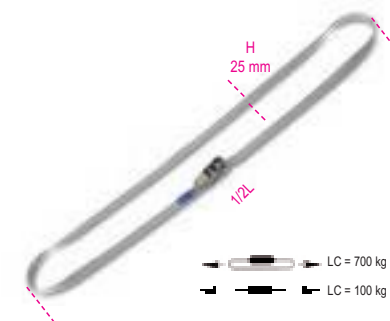
L	L2	L1	STF		
m	mm	mm	daN		
6	5700	300	100	1	082930106

LC = 300 kg

8297C

ratchet tie downs,
with mini-ratchets, AISI 304
high-tenacity polyester belt, LC 700 kg

hangable



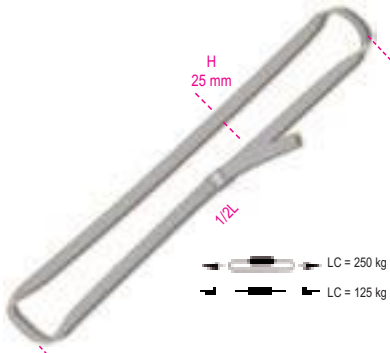
LC = 700 kg
LC = 100 kg

L	H		
m	mm		
5	25	1	082970350

8297F

2 cam buckle straps,
AISI 304,
high-tenacity polyester belt, LC 250 kg

hangable



LC = 250 kg
LC = 125 kg

L	H		
m	mm		
3	25	1	082970230

LC = 250 kg

POLYESTER SLINGS

TECHNICAL DATA

- safety factor: 7
- traceability code

LABORATORY TESTS

- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN1492
- CE Declaration of Conformity

				$\beta=0^\circ-45^\circ$ 	$\beta=45^\circ-60^\circ$
	1t	0,8t	2t	1,4t	1t
	2t	1,6t	4t	2,8t	2t
	3t	2,4t	6t	4,2t	3t
	4t	3,2t	8t	5,6t	4t
	5t	4t	10t	7t	5t
	6t	4,8t	12t	8,4t	6t
	8t	6,4t	16t	11,2t	8t
	10t	8t	20t	14t	10t
	12t	9,6t	24t	16,8t	12t
	15t	12t	30t	21t	15t
	20t	16t	40t	28t	20t
	25t	20t	50t	35t	25t
	30t	24t	60t	42t	30t
	40t	32t	80t	56t	40t
	50t	40t	100t	70t	50t

8150

lifting web slings, purple 1t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton		
0,5	30	1	1	081500005
1	30	1	1	081500010
1,5	30	1	1	081500015
2	30	1	1	081500020
2,5	30	1	1	081500025
3	30	1	1	081500030
3,5	30	1	1	081500035
4	30	1	1	081500040
5	30	1	1	081500050
6	30	1	1	081500060
8	30	1	1	081500080



8153

lifting web slings, green 2t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton		
1	60	2	1	081530010
1,5	60	2	1	081530015
2	60	2	1	081530020
2,5	60	2	1	081530025
3	60	2	1	081530030
3,5	60	2	1	081530035
4	60	2	1	081530040
5	60	2	1	081530050
6	60	2	1	081530060
8	60	2	1	081530080
10	60	2	1	081530100

8156

lifting web slings, yellow 3t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton		
1	90	3	1	081560010
1,5	90	3	1	081560015
2	90	3	1	081560020
2,5	90	3	1	081560025
3	90	3	1	081560030
3,5	90	3	1	081560035
4	90	3	1	081560040
5	90	3	1	081560050
6	90	3	1	081560060
8	90	3	1	081560080
10	90	3	1	081560100
12	90	3	1	081560120

8157

lifting web slings, grey 4t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton		
2	120	4	1	081570020
3	120	4	1	081570030
4	120	4	1	081570040
5	120	4	1	081570050
6	120	4	1	081570060
8	120	4	1	081570080
10	120	4	1	081570100
12	120	4	1	081570120

8158

lifting web slings, red 5t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton		
2	150	5	1	081580020
3	150	5	1	081580030
4	150	5	1	081580040
5	150	5	1	081580050
6	150	5	1	081580060
8	150	5	1	081580080
10	150	5	1	081580100
12	150	5	1	081580120



8159

lifting web slings, brown 6t
two layers with reinforced eyes
high-tenacity polyester (PES)



UNI EN 1492-1

L m	H mm	WLL ton		
2	180	6	1	081590020
3	180	6	1	081590030
4	180	6	1	081590040
5	180	6	1	081590050
6	180	6	1	081590060
8	180	6	1	081590080
10	180	6	1	081590100

8160

lifting web slings, blue 8t
two layers with reinforced eyes
high-tenacity polyester (PES)



UNI EN 1492-1

L m	H mm	WLL ton		
3	240	8	1	081600030
4	240	8	1	081600040
5	240	8	1	081600050
6	240	8	1	081600060
8	240	8	1	081600080
10	240	8	1	081600100

8161

lifting web slings, orange 10t
two layers with reinforced eyes
high-tenacity polyester (PES)



UNI EN 1492-1

L m	H mm	WLL ton		
3	300	10	1	081610030
4	300	10	1	081610040
5	300	10	1	081610050

L m	H mm	WLL ton		
6	300	10	1	081610060
8	300	10	1	081610080
10	300	10	1	081610100
12	300	10	1	081610120

8170

lifting round slings, purple 1t
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	WLL ton	H mm		
0,5	1	45	1	081700010
1	1	45	1	081700020
1,5	1	45	1	081700030
2,5	1	45	1	081700050
2	1	45	1	081700040
3	1	45	1	081700060
4	1	45	1	081700080
5	1	45	1	081700100

8173

lifting round slings, green 2t
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	H mm	WLL ton		
0,5	50	2	1	081730010
1	50	2	1	081730020
1,5	50	2	1	081730030
2	50	2	1	081730040
2,5	50	2	1	081730050
3	50	2	1	081730060
4	50	2	1	081730080
5	50	2	1	081730100
6	50	2	1	081730120
8	50	2	1	081730160

Robur

8176

lifting round slings, yellow 3t
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	H mm	WLL ton		
0,5	60	3	1	081760010
1	60	3	1	081760020
1,5	60	3	1	081760030
2	60	3	1	081760040
2,5	60	3	1	081760050
3	60	3	1	081760060
4	60	3	1	081760080
5	60	3	1	081760100
6	60	3	1	081760120
8	60	3	1	081760160

8177

lifting round slings, grey 4t
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

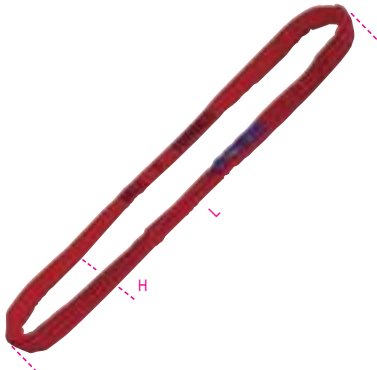
L m	H mm	WLL ton		
0,5	65	4	1	081770010
1	65	4	1	081770020
1,5	65	4	1	081770030
2	65	4	1	081770040
2,5	65	4	1	081770050
3	65	4	1	081770060
4	65	4	1	081770080
5	65	4	1	081770100
6	65	4	1	081770120
8	65	4	1	081770160

Robur

8178

lifting round slings, red 5t
high-tenacity polyester (PES) belt

CE



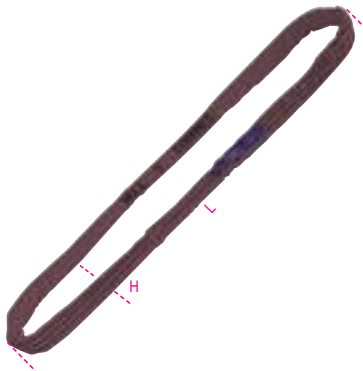
UNI EN 1492-2

L m	H mm	WLL ton		
0,5	70	5	1	081780010
1	70	5	1	081780020
1,5	70	5	1	081780030
2	70	5	1	081780040
2,5	70	5	1	081780050
3	70	5	1	081780060
4	70	5	1	081780080
5	70	5	1	081780100
6	70	5	1	081780120
8	70	5	1	081780160

8179M

lifting round slings, brown 6t
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

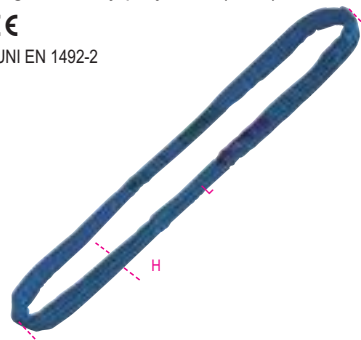
L m	H mm	WLL ton		
1	80	6	1	081790020
1,5	80	6	1	081790030
2	80	6	1	081790040
2,5	80	6	1	081790050
3	80	6	1	081790060
4	80	6	1	081790080
5	80	6	1	081790100
6	80	6	1	081790120
8	80	6	1	081790160

8179B

lifting round slings, blue, 8 t,
high-tenacity polyester (PES) belt

CE

UNI EN 1492-2



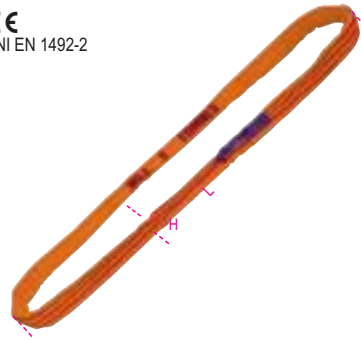
L m	H mm	WLL ton		
1	85	8	1	081790220
1,5	85	8	1	081790230
2	85	8	1	081790240
2,5	85	8	1	081790250
3	85	8	1	081790260
4	85	8	1	081790280
5	85	8	1	081790300
6	85	8	1	081790320
8	85	8	1	081790360

8179A

lifting round slings, orange, 10 t,
high-tenacity polyester (PES) belt

CE

UNI EN 1492-2



L m	H mm	WLL ton		
1	95	10	1	081790502
1,5	95	10	1	081790503
2,5	95	10	1	081790505
2	95	10	1	081790504
3	95	10	1	081790506
4	95	10	1	081790508
5	95	10	1	081790510
6	95	10	1	081790512
8	95	10	1	081790516
10	95	10	1	081790520

2	100	12	1	081791204
2,5	100	12	1	081791205
3	100	12	1	081791206
3,5	100	12	1	081791207
4	100	12	1	081791208
4,5	100	12	1	081791209
5	100	12	1	081791210
5,5	100	12	1	081791211
6	100	12	1	081791212
6,5	100	12	1	081791213
7	100	12	1	081791214
7,5	100	12	1	081791215
8	100	12	1	081791216
8,5	100	12	1	081791217
9	100	12	1	081791218
9,5	100	12	1	081791219
10	100	12	1	081791220
2	110	15	1	081791504
2,5	110	15	1	081791505
3	110	15	1	081791506
3,5	110	15	1	081791507
4	110	15	1	081791508
4,5	110	15	1	081791509
5	110	15	1	081791510
5,5	110	15	1	081791511
6	110	15	1	081791512
6,5	110	15	1	081791513
7	110	15	1	081791514
7,5	110	15	1	081791515

L m	H mm	WLL ton		
8	110	15	1	081791516
8,5	110	15	1	081791517
9	110	15	1	081791518
9,5	110	15	1	081791519
10	110	15	1	081791520
2	130	20	1	081792004
2,5	130	20	1	081792005
3	130	20	1	081792006
3,5	130	20	1	081792007
4	130	20	1	081792008
4,5	130	20	1	081792009
5	130	20	1	081792010
5,5	130	20	1	081792011
6	130	20	1	081792012
6,5	130	20	1	081792013
7	130	20	1	081792014
7,5	130	20	1	081792015
8	130	20	1	081792016
8,5	130	20	1	081792017
9	130	20	1	081792018
9,5	130	20	1	081792019
10	130	20	1	081792020
2	135	25	1	081792504
2,5	135	25	1	081792505
3	135	25	1	081792506
3,5	135	25	1	081792507
4	135	25	1	081792508
4,5	135	25	1	081792509
5	135	25	1	081792510
5,5	135	25	1	081792511
6	135	25	1	081792512
6,5	135	25	1	081792513
7	135	25	1	081792514
7,5	135	25	1	081792515
8	135	25	1	081792516
8,5	135	25	1	081792517
9	135	25	1	081792518
9,5	135	25	1	081792519
10	135	25	1	081792520
2	160	30	1	081793004
2,5	160	30	1	081793005
3	160	30	1	081793006
3,5	160	30	1	081793007
4	160	30	1	081793008
4,5	160	30	1	081793009
5	160	30	1	081793010
5,5	160	30	1	081793011
6	160	30	1	081793012
6,5	160	30	1	081793013
7	160	30	1	081793014
7,5	160	30	1	081793015
8	160	30	1	081793016
8,5	160	30	1	081793017
9	160	30	1	081793018
9,5	160	30	1	081793019
10	160	30	1	081793020
2	165	40	1	081794004
2,5	165	40	1	081794005
3	165	40	1	081794006
3,5	165	40	1	081794007
4	165	40	1	081794008
4,5	165	40	1	081794009
5	165	40	1	081794010
5,5	165	40	1	081794011
6	165	40	1	081794012
6,5	165	40	1	081794013
7	165	40	1	081794014
7,5	165	40	1	081794015
8	165	40	1	081794016
8,5	165	40	1	081794017
9	165	40	1	081794018
9,5	165	40	1	081794019
10	165	40	1	081794020
3	180	50	1	081795006
3,5	180	50	1	081795007
4	180	50	1	081795008
4,5	180	50	1	081795009
5	180	50	1	081795010
5,5	180	50	1	081795011
6	180	50	1	081795012
6,5	180	50	1	081795013
7	180	50	1	081795014
7,5	180	50	1	081795015
8	180	50	1	081795016
8,5	180	50	1	081795017
9	180	50	1	081795018
9,5	180	50	1	081795019
10	180	50	1	081795020

Robur

8166

anti-abrasion sheaths for slings, high-tenacity polyester (PES), with elastomer underlayer



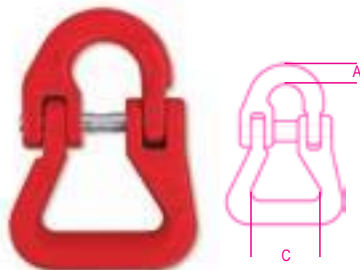
H	ø	L		
mm	mm	m		
70	45	3	1	081660073
80	52	3	1	081660083
110	70	3	1	081660103
155	100	3	1	081660153
170	110	3	1	081660170
235	150	4	1	081660235

H			
mm			
70	8150	8170-8173	081660073
80	8153	8176	081660083
110	8153-8156	8177-8178	081660103
155	8157	8178-8179A 8179B-8179M	081660153
170	8158	-	081660170
235	8159	-	081660235

8090F

lifting connecting links for polyester slings, alloy steel, painted

CE



EN 1677-1

TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	ø	A	C		
kg	mm	mm	mm		
2000	7-8	10,5	40	1	080900220
3150	10	12	50	1	080900232
5300	13	17	60	1	080900253
8000	16	21	75	1	080900280

Robur

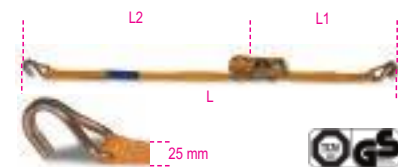
RATCHET TIE DOWNS

TECHNICAL DATA

- safety factor: 2
- traceability code
- LABORATORY TESTS
 - ratchet pretensioning test
 - metal parts deformation test
 - complete system tensile test
- AVAILABLE CERTIFICATES
 - Technical product specifications
 - Test report UNI EN10204 type 2.2

8180

ratchet tie down with single hook, LC 750kg high-tenacity polyester (PES) belt



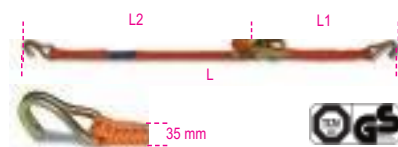
EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
4	3750	250	200	1	081800004
6	5750	250	200	1	081800006
8	7750	250	200	1	081800008

LC = 750 kg

8181

ratchet tie down with single hook, LC 1000kg high-tenacity polyester (PES) belt



EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
4	3600	400	180	1	081810004
6	5600	400	180	1	081810006
8	7600	400	180	1	081810008

LC = 1000 kg

8181S

ratchet tie down with double hook, LC 1000kg, high-tenacity polyester (PES) belt



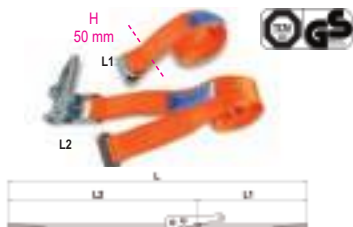
EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
6	5600	400	180	1	081810206

LC = 1000 kg

8182E

ratchet tie downs for van and truck interiors,
LC 1000 kg,
high-tenacity polyester (PES) belt



EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
4	3500	500	220	1	081820440

LC = 1000 kg

	L2		
	mm		
8182EL	2500	1	081820942
8182EC		1	081820945

8182T

ratchet tie down with double hook, LC 1500kg,
high-tenacity polyester (PES) belt



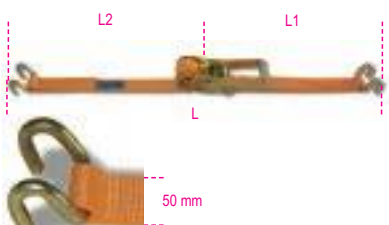
EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
8,5	8100	400	300	1	081821085
10,5	10100	400	300	1	081821105

LC = 1500 kg

8182TS

ratchet tie down with single hook, LC 1500kg,
high-tenacity polyester (PES) belt



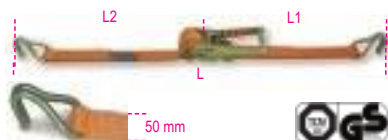
EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
8,5	8100	400	300	1	081821285
10,5	10100	400	300	1	081821305

LC = 1500 kg

8182

ratchet tie down with single hook, LC 2000kg
high-tenacity polyester (PES) belt



EN 12195-2

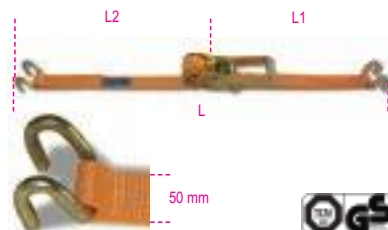
L	L2	L1	STF		
m	mm	mm	daN		
4,5	4100	400	300	1	081820045
6,5	6100	400	300	1	081820065
8,5	8100	400	300	1	081820085
10,5	10100	400	300	1	081820105
14,5	14100	400	300	1	081820145
16,5	16100	400	300	1	081820165

LC = 2000 kg

	L2		
	mm		
8182LP	8100	1	081820902
long part			
8182SP		1	081820905
short part			

8182S

ratchet tie down with double hook, LC 2000kg
high-tenacity polyester (PES) belt



EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
6,5	6100	400	400	1	081820265
8,5	8100	400	350	1	081820285
10,5	10100	400	350	1	081820305

LC = 2000 kg

	L2		
	mm		
8182SLP	8100	1	081820912
long part			
8182SSP		1	081820915
short part			



8182GD

ratchet tie down with delta hook, LC 2000 kg,
high-tenacity polyester belt (PES)



EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
8,5	8100	400	300	1	081820485

LC = 2000 kg

8182A

ratchet tie downs with 2 eyes,
high-tenacity polyester (PES) belt,
LC 2000 kg



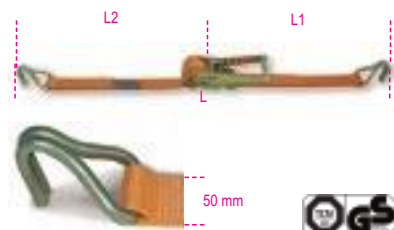
EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
8,5	8100	400	300	1	081820585

LC = 2000 kg

8182H

ratchet tie down with single hook, LC 2500kg,
high-tenacity polyester (PES) belt



EN 12195-2

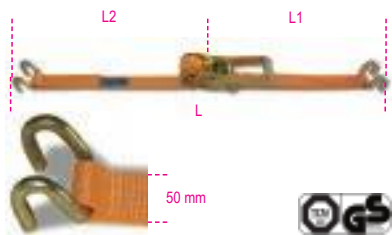
L	L2	L1	STF		
m	mm	mm	daN		
6,5	6100	400	300	1	081820406
8,5	8100	400	300	1	081820408
10,5	10100	400	300	1	081820410
14,5	14100	400	300	1	081820414

LC = 2500 kg

Robur

8182H/2

ratchet tie down with double hook, LC 2500 kg, high-tenacity polyester (PES)



EN 12195-2

L m	L1 mm	L2 mm	STF daN		
8,5	8100	400	300	1	081820385

LC = 2500 kg

8184

reverse ratchet tie down, long lever, with single hook, LC 2500 kg, high-tenacity polyester (PES) belt



EN12195-2

L m	L2 mm	L1 mm	STF daN		
6,5	6100	400	500	1	081840065
8,5	8100	400	500	1	081840085
10,5	10100	400	500	1	081840105

LC = 2500 kg

8183

ratchet tie down with single hook, LC 5000 kg, high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	STF daN		
8,5	8000	500	500	1	081830085
12,5	12000	500	500	1	081830125

LC = 5000 kg

8190

ratchet load binder with 2 hooks
Grade 8



EN12195/3

TECHNICAL DATA

- Safety factor: 2
- Heat treatment: hardening and tempering
- Traceability code

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1

Ø mm	LC daN	Ø mm	LC daN		
10	6300	8	4000	1	081900010

* CAUTION: The product can be used with an 8-mm chain, provided WLL is reduced (LC 4000 daN)

8190B

lashing chains



EN12195/3

TECHNICAL DATA

- Safety factor: 2
- Heat treatment: hardening tempering
- Chain-sling identification tag

ATTACHED CERTIFICATES

- Manufacturer's Certificate
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN 10204 type 2.2

Ø mm	LC daN	L m	L1 m		
8	4000	3,5	3,30	1	081901308
10	6300	3,5	3,28	1	081901310

Robur

8185

ring ratchet tie down, LC 1500kg high-tenacity polyester (PES) belt

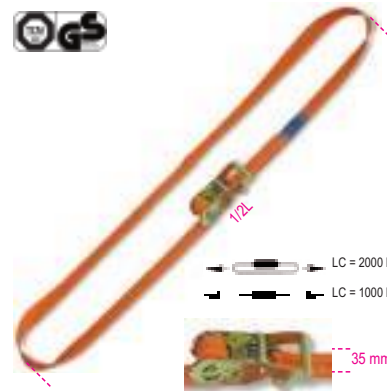


EN 12195-2

L m	STF daN		
5	200	1	081850005
8	200	1	081850008

8186

ring ratchet tie down, LC 2000kg high-tenacity polyester (PES) belt



EN 12195-2

L m	STF daN		
5	180	1	081860005
8	180	1	081860008

Robur

8187

ring ratchet tie down, LC 4000kg
high-tenacity polyester (PES) belt

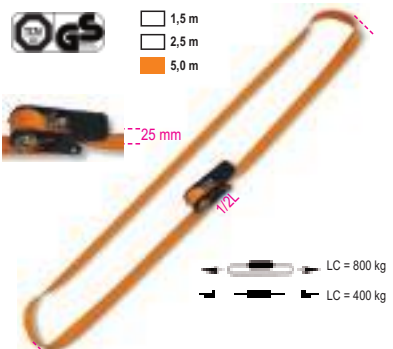


EN 12195-2

L	STF		
m	daN		
5	350	1	081870005
8	350	1	081870008

8188C

ring ratchet tie downs, LC 750 kg,
high-tenacity polyester (PES) belt



EN 12195-2

L	STF		
m	daN		
1,5	72	3	081880315
2,5	72	3	081880325
5	72	3	081880350

8188C6/25

ratchet tie downs with S-hooks and Eyes,
LC 400 kg
high-tenacity polyester (PES) strap

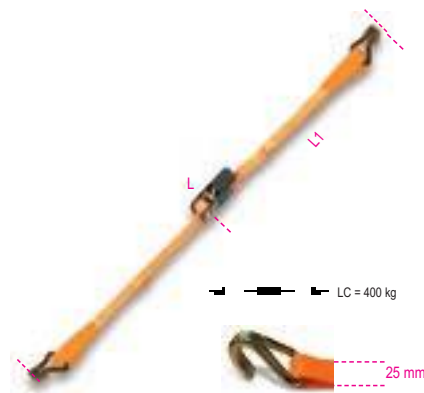


EN 12195-2

L	L1	L2	STF		
m	mm	mm	daN		
3	480	170	120	1	081880430
5	480	170	120	1	081880450

8188CU/25

ratchet tie downs with single hooks,
LC 400 kg,
high-tenacity polyester belt (PES)

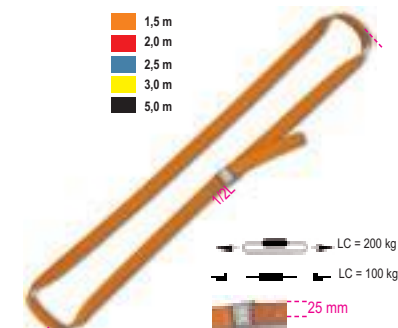


EN 12195-2

L	L1	L2		
m	mm	mm		
5	300	4700	1	081880750

8188F

cam buckle straps, LC 200 kg,
high-grade polypropylene (PP) belt



EN 12195-2

L			
m			
1,5	10	081880215	
2,0	10	081880220	
2,5	10	081880225	
3,0	10	081880230	
5,0	6	081880250	

8188F35

cam buckle straps, LC 500 kg,
high-tenacity polypropylene (PP) belt



EN 12195-2

L			
m			
5	1	081880295	

8188VFG2

cam buckle strap with S-hooks and Eyes,
LC 250 kg
high-grade polypropylene (PP) belt



EN 12195-2

L	L1	L2		
m	mm	mm		
3	450	110	1	081881530

8189

polyester belt (PES)
for ratchet tie downs



H	L	LC		
mm	m	kg		
25	100	750	1	081890902
35	100	1000	1	081890903
50	100	2000	1	081890905

8189A

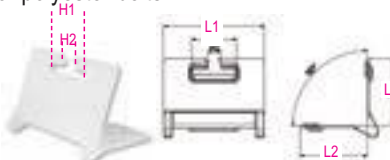
non-slip mat
for fixing loads



L	H	S	μ		
m	mm	mm			
5	250	8	0,6	1	081890525

8189PA

2 angular guards
for polyester belts



L1xL2	H1	H2		
mm	mm	mm		
135x90	60	18	1	081890090

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8001Z	✓	✓		✓
8001TZ	✓	✓		✓
8002ZD	✓			
8003ZD	✓			
8004ND	✓			
8005Z	✓			✓
8005TZ	✓			✓
8006Z	✓			✓
8007Z	✓			✓
8008N	✓			✓
8008TZN	✓			✓
8009FD	✓			
8009Z	✓			✓
8009TZ	✓			✓
8010Z	✓			✓
8010TZ	✓			
8015	✓		✓	✓
8016	✓			✓
8016DA	✓			✓
8016FR	✓			
8016U2	✓		✓	✓
8016UGK	✓		✓	✓
8018E	✓			
8018T	✓			
8020A	✓			
8021A	✓			
8025	✓	✓		✓
8026A	✓	✓		✓
8026R	✓	✓		✓
8028	✓	✓		✓
8029R	✓	✓		✓
8031R	✓	✓		✓
8032	✓	✓		✓
8040EN	✓	✓		✓
8040EZ	✓	✓		✓
8042EN	✓	✓		✓
8042EZ	✓	✓		✓
8041	✓	✓		✓
8043	✓	✓		✓
8044	✓	✓		✓
8048	✓			
8049	✓	✓		✓
8049A	✓	✓		✓
8049V	✓	✓		✓
8051S	✓	✓		✓
8052	✓	✓		✓
8057R	✓	✓		✓
8058R	✓	✓		✓
8060R	✓	✓		✓
8061R	✓	✓		✓
8062	✓	✓		✓
8063	✓	✓		✓
8063SL	✓	✓		✓
8064S	✓	✓		✓
8065SC	✓	✓		✓
8068G	✓	✓		✓
8074	✓			
8074A	✓			
8074G	✓			
8080	✓			
8080FM	✓			
8085R	✓	✓		✓
8086	✓	✓		✓
8090	✓	✓		✓
8090F	✓	✓		✓

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8090R	✓	✓		✓
8091			✓	✓
8091SL			✓	✓
8092			✓	✓
8092SL			✓	✓
8094			✓	✓
8094SL			✓	✓
8096			✓	✓
8096SL			✓	✓
8097			✓	✓
8097SL			✓	✓
8098			✓	✓
8098SL			✓	✓
8100	✓	✓		✓
8105	✓	✓		✓
8109	✓	✓		✓
8110	✓			
8114	✓			
8116	✓			
8120 - 8120D	✓			
8120B	✓			
8130A	✓			
8135	✓		✓	✓
8139DL	✓			
8143	✓		✓	✓
8146	✓		✓	✓
8146K	✓		✓	✓
8147C-S-P	✓		✓	✓
8148	✓		✓	✓
8149	✓			✓
8150	✓		✓	✓
8153	✓		✓	✓
8156	✓		✓	✓
8157	✓		✓	✓
8158	✓		✓	✓
8159	✓		✓	✓
8160	✓		✓	✓
8161	✓		✓	✓
8166	✓			
8170	✓		✓	✓
8173	✓		✓	✓
8176	✓		✓	✓
8177	✓		✓	✓
8178	✓		✓	✓
8179M-B-A	✓		✓	✓
8180	✓			
8181	✓			
8181S	✓			
8182	✓			
8182A-GD	✓			
8182E	✓			
8182H-H2	✓			
8182M	✓			
8182S	✓			
8182T	✓			
8182T-TS	✓			
8182TS	✓			
8185	✓			
8186	✓			
8187	✓			
8188C	✓			
8188CG/25	✓			
8188CU	✓			
8188F	✓			
8188VF/35	✓			

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8188FG2	✓			
8190	✓	✓		
8190B	✓		✓	
8302Z	✓			
8303Z	✓			
8317DZ	✓			
8317SZ	✓			
8381SL	✓			
8381SP	✓			
8383C	✓			
8383P	✓			
8515V	✓			
8515Z	✓			
8531	✓			
8532	✓			
8535	✓			
8201T	✓			
8205	✓			
8206	✓			
8207	✓			
8209	✓			
8210	✓			
8210F	✓			
8210FTP	✓			
8216	✓			✓
8220	✓			
8225	✓			
8227	✓			
8228	✓			
8240	✓			
8240F	✓	✓		✓
8242	✓			
8242F	✓	✓		✓
8248	✓			
8249	✓			
8249G	✓			
8250	✓			
8264	✓			
8267	✓			
8272	✓			
8273	✓			
8274	✓			
8274A	✓			
8274G	✓			
8276	✓			
8276G	✓			
8278	✓			
8280	✓			
8282	✓			
8282S	✓			
8284	✓			
8285	✓			
8286	✓			
8287	✓			
8290	✓			
8293	✓			
8297C	✓			
8297F	✓			
8381SX	✓			
8702...	✓	✓		
8709...	✓	✓		



Beta Collection



A range of exclusive products designed and developed to epitomize Beta's character, it comprises over 200 original, first-rate items: sports equipment, technical clothing and a variety of tailored objects. An ideal medium for promotional actions, a must for recreational moments.



9500TL

softshell jacket, made of 100% polyester, 320 g/m², three-layered, microfibre outer shell, waterproof, breathable intermediate membrane, fleece interior



Size	Quantity	SKU
S	1	095000051
M	1	095000052
L	1	095000053
XL	1	095000054
XXL	1	095000055

9501TLD

women's sweatshirt, made of cotton (80%) and polyester (20%), 320 g/m²



Size	Quantity	SKU
S	1	095010061
M	1	095010062
L	1	095010063
XL	1	095010064

9501TL

men's sweatshirt, made of cotton (80%) and polyester (20%), 320 g/m²



Size	Quantity	SKU
S	1	095010051
M	1	095010052
L	1	095010053
XL	1	095010054
XXL	1	095010055

9502TL

polo shirt, 100% pique cotton, 210 g/m²



S	1	095020051
M	1	095020052
L	1	095020053
XL	1	095020054
XXL	1	095020055

9504TL

jacket with 100% polyester exterior, waterproof treatment



S	1	095040051
M	1	095040052
L	1	095040053
XL	1	095040054
XXL	1	095040055

9508TL

waterproof jacket, 100% polyester, folds into pocket



S	1	095080051
M	1	095080052
L	1	095080053
XL	1	095080054
XXL	1	095080055

9599 GARAGE

Beta Garage polo shirt, made from breathable polyester, 175 g/m², black



S	1	095999011
M	1	095999012
L	1	095999013
XL	1	095999014
XXL	1	095999015

9505TL

sleeveless jacket with 100% polyester exterior, waterproof treatment, padding 100 g/m², interior pocket



S	1	095050051
M	1	095050052
L	1	095050053
XL	1	095050054
XXL	1	095050055

9510W

men's stretch shirt, long-sleeved, 120 g/m², 97% cotton, 3% elastane. White, with black logo. Rear yoke with two side pleats, semi-French collar. White buttons, two cuff buttons. Slim fit



XS	1	095100100
S	1	095100101
M	1	095100102
L	1	095100103
XL	1	095100104
XXL	1	095100105

9503TL

t-shirt, 100% jersey cotton, 160 g/m²



S	1	095030051
M	1	095030052
L	1	095030053
XL	1	095030054
XXL	1	095030055

9572LB

Beta-March t-shirt, 100% cotton, 200 g/m² orange, with black inserts



S	1	095720801
M	1	095720802
L	1	095720803
XL	1	095720804
XXL	1	095720805

9534WO

two-button polo shirt, made of jersey cotton, 200 g/m², white with orange inserts



S	1	095340031
M	1	095340032
L	1	095340033
XL	1	095340034
XXL	1	095340035

9534B0

two-button polo shirt, made of jersey cotton, 200 g/m², blue with grey inserts



S	1	095340071
M	1	095340072
L	1	095340073
XL	1	095340074
XXL	1	095340075

9537TL

fleece pullover, 100% polyester



S	1	095370051
M	1	095370052
L	1	095370053
XL	1	095370054
XXL	1	095370055

9580S

sunglasses "Summer" style

CE



EN ISO 12312-1:2013+A1:2015
UV400
FILTER CAT. III

9580S	1	095800100
-------	---	-----------



9593S

smartwatch, touchscreen, fitness tracker, silicone strap



9593S	1	095930200
-------	---	-----------

9593SB

multifunction smart bracelet, touchscreen, fitness tracker, heart rate monitor, pedometer, sleep monitoring, with silicone strap, black

Compatibility: IOS 8.2 or above/ Android 4.4 or above
Bluetooth 4.2
IP67

CE

IP67



9593SB	1	095930205
--------	---	-----------

9593M

automatic watch, steel case, 5 ATM water resistant, steel wristband



9593M	1	095930120
-------	---	-----------

9593A

chronograph, steel case, 5 ATM water resistant, silicone strap



9593A	1	095930050
-------	---	-----------

9593W

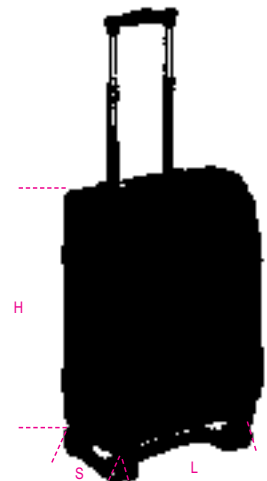
analogue watch, soft touch plastic case with metal ring, 3 ATM water resistant, silicone strap



9593W	1	095930150
-------	---	-----------

9544C

cabin-size trolley with 4 double wheels, TSA lock, USB port + 3.5-mm jack



9544C	L cm	S cm	H cm	1	095440101
	40	20	55		

9557J 2.0

bag made of coated polyester/Oxford 600D polyester fabric, dimensions 47x28x25 cm



	L	S	H		
	cm	cm	cm		
9557J 2.0	47	25	28	1	095570020

9557N

"Racing" bag, made from waterproof PVC coated fabric



	L	S	H		
	cm	cm	cm		
9557N	35	35	80	1	095570001

9541F

rucksack made of coated polyester/Oxford 600D polyester fabric, dimensions 50x33x16 cm



	L	S	H		
	cm	cm	cm		
9541F	33	16	50	1	095410011

9541PC

work rucksack, multipocket style, with interior computer pocket, made from 100% polyester

- rucksack with 3 compartments, each with waterproof exterior zip
- first compartment with PC pocket
- padded top handle
- USB port
- side mesh pocket for bottle/umbrella
- insert for glasses on shoulder strap
- adjustable chest strap



	L	S	H		
	cm	cm	cm		
9541PC	34	18	52	1	095410041

9541S

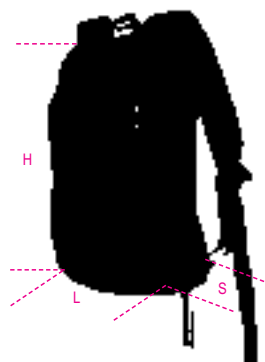
Rucksack with casing, made of waterproof 210D polyester, 33x45 cm



	L	H		
	cm	cm		
9541S	33	45	1	095410031

9541BIKE

rucksack made of Oxford polyester, dimensions 41x24x16 cm



	L	S	H		
	cm	cm	cm		
9541BIKE	24	16	41	1	095410021

95740

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather

CE



M	1	095740202	
L	1	095740203	
XL	1	095740204	
XXL	1	095740205	

9574B

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather

CE



M	1	095740102	
L	1	095740103	
XL	1	095740104	
XXL	1	095740105	

9525TL

Top Line cap



9525TL	1	095250010	

9525F

flat visor cap



9525F	1	095250099	

9525/B

cap, 100% cotton, one size-fits-all adjustable buckle strap, directly embroidered front, sides and back, white



9525B	5	095251031	

9521

umbrella, made of nylon T210, 3-section aluminium frame, black, automatic open/close mechanism



9521

1 095210000

95210B

umbrella made of nylon 210T, diameter 100 cm



95210B

100 cm

1 095210021

9599CB-N2

Atala® city bike, Hi-Ten Tig TKK 700c frame, Shimano® Tourney RD-TZ50 derailleur, 6-speed, V-Brakes®, 28" aluminium rims, with pannier rack, stand and bell, matt black



9599CB-N2

1 095990031

9599CB-W

Atala® city bike, aluminium frame, Shimano® 6-speed gear, V-Brakes® 28" aluminium rims



9599CB-W

1 095990023

9598W-N

Whistle® mountain bike, aluminium frame, Suntour XCT30 fork, 29" 100 mm, Shimano RD-TX500 derailleur, 7-speed, hydraulic Shimano BR-M200 brakes and 29" aluminium rims, fluorescent orange / matt anthracite grey



9598W-N M

1 095980130

9598W-N L

1 095980132

9598WHP-N

Whistle® mountain bike, aluminium frame, Suntour XCM PL fork, 29" 100 mm, with remote lockout, Shimano XT RD-M8100 Shadow Plus derailleur, 12-speed, hydraulic Shimano BL-MT201/BR-MT200 brakes and 29" aluminium rims, white / matt red



9598WHP-N M

1 095980140

9598WHP-N L

1 095980142

9515M

technical jersey, made from quick-dry, breathable fabric; side mesh inserts



S

1 095150051

M

1 095150052

L

1 095150053

XL

1 095150054

XXL

1 095150055

XXXL

1 095150056

9516B

shorts made from quick-dry, breathable Lycra, 180 g/m², with elastic waistband for improved fit



S

1 095160051

M

1 095160052

L

1 095160053

XL

1 095160054

XXL

1 095160055

XXXL

1 095160056

9539CB

protective road and mountain bike cycling helmet with detachable chin guard - adjustable sizes



S-M

1 095390010

L-XL

1 095390011

9542M

short-sleeved jersey, breathable microfibre fabric, long, covered zip, three rear pockets, including one with zip, silicone elastic at jersey end



S

1 095420051

M

1 095420052

L

1 095420053

XL

1 095420054

XXL

1 095420055

XXXL

1 095420056

Beta
Quality Tools

9542C

Lycra bib shorts, silicone elastic at leg end, antibacterial seat padding



Size	Quantity	Product Code
S	1	095420061
M	1	095420062
L	1	095420063
XL	1	095420064
XXL	1	095420065
XXXL	1	095420066

9542GW

winter jacket, made from highly breathable, winder breaker fabric and raised fabric; long zip, silicone-free elastic waistband; close-fitting Lycra cuffs; refractive rear inserts; 3 exterior rear pockets, including 1 with zip



Size	Quantity	Product Code
S	1	095420101
M	1	095420102
L	1	095420103
XL	1	095420104
XXL	1	095420105
XXXL	1	095420106

Beta

9542G

winter jersey, breathable fabric, raised inside, long zip, three rear pockets, silicone elastic at jersey end



Size	Quantity	Product Code
S	1	095420012
M	1	095420013
L	1	095420014
XL	1	095420015
XXL	1	095420016
XXXL	1	095420017

9542S

winter underpants, raised Lycra, antibacterial, high-breathability seat padding



Size	Quantity	Product Code
S	1	095420022
M	1	095420023
L	1	095420024
XL	1	095420025
XXL	1	095420026
XXXL	1	095420027

9542AT

sleeveless wind stopper jacket, breathable bound fabric, long zip



Size	Quantity	Product Code
S	1	095420072
M	1	095420073
L	1	095420074
XL	1	095420075
XXL	1	095420076
XXXL	1	095420077

9542AL

waterproof windbreaker, long-sleeved, made of breathable fabric



Size	Quantity	Product Code
S	1	095420042
M	1	095420043
L	1	095420044
XL	1	095420045
XXL	1	095420046
XXXL	1	095420047

9543C

tubular neck scarf, multipurpose, 100% polyester microfibre, seamless



Size	Quantity	Product Code
9543C	1	095430100

Beta

Beta

9523T

thermal bottle, made of stainless steel, 500 ml, double-layer technology, no air between walls, leak-proof cap, orange

- keeps cold drinks cold for 24 hours
- keeps hot drinks hot for 12 hours



EC1935/EC2023

9523T	ml 500	L mm 255			1 095230050
-------	-----------	----------------	--	--	-------------

9528B

Polyethylene flask, 500 ml



9528B	ml 500			1 095280005
-------	-----------	--	--	-------------

9597P

column pump with gauge



9597P			1 095970100
-------	--	--	-------------

9524SC

miniature Beta garage for collectors



1:18			1 095240018
------	--	--	-------------

9548KB

balance bike, aluminium frame, 12" wheel with inner tube; recommended for children from 3 years; maximum weight: 30 kg



9548KB			1 095480110
--------	--	--	-------------

9548KB 20

Atala® 20" children's mountain bike, Hi-Ten Tig 20" steel frame, 30-mm suspension fork, RD-TY21SS 6V derailleur, aluminium V-brakes and 36-hole aluminium rims, fluorescent yellow / matt blue



9548KB 20			1 095480120
-----------	--	--	-------------

9548KB 24

Atala® 24" children's mountain bike, Hi-Ten Tig 24" steel frame, suspension fork, Shimano Tourney RD-TYZ50 6V derailleur, aluminium V-brakes and 36-hole aluminium rims, matt fluorescent orange



9548KB 24			1 095480122
-----------	--	--	-------------



9547WSK

"Kinder Work Station", workbench with tools, for children from 3 years of age

CE



9547WSK	H cm 74			1 095473801
---------	---------------	--	--	-------------

9547T

"Kinder trolley", tool trolley, for children from 3 years of age, complete with tools

CE



9547T			1 095470100
-------	--	--	-------------

9548G

"Kinder Garage", 6-storey, with car wash, lift and ramps



9548G	H cm 69			1 095480100
-------	---------------	--	--	-------------

9561V 2,5

sail flag 2.5x0.50 m
with aluminium pole,
cross base with weighted ring



9561V 2,5	L	H	1	095610200
	mt	mt		
	0,50	2,5		

9561VV 2,5

sail flag, 2x0.50 m,
with pole



9561VV 2,5	L	H	1	095610201
	mt	mt		
	0,50	2,5		

9561VV

sail flag, 3.50x0.75 m,
with pole



9561VV	L	H	1	095610101
	mt	mt		
	0,75	3,50		

9561V

sail flag, 4x0.75 m,
with chrome-plated metal pole,
grit concrete base, 50 cm



9561V	L	H	1	095610001
	mt	mt		
	0,75	4		

9559

one-sided banner, TNT; modules: 3x0.8 m



9559	L	H	1	095591001
	m	m		
	3	0,8		

9559/30MT

nonwoven fabric roll of 10 Beta logos



9559/30MT	1	095591031
-----------	---	-----------

9590B

flag, made of screen-printed nylon
40 x 215 cm



9590B	L	H	1	095900000
	cm	cm		
	215	140		

9577R

work overalls, racing style, made from 4 way
stretch fabric, 260 g/m²,
black and orange, with white and reflex inserts

CE



S	48	1	095770151
M	50	1	095770152
L	52	1	095770153
XL	54	1	095770154
XXL	56	1	095770155
XXXL	58	1	095770156

9579C

work jacket, polyester/cotton



M	1	095791002
	1	095791003
	1	095791004

9565BBQ

sheet steel barbecue drum with grill, brazier
and lid complete with locking clamp

Chromium-plated steel grill (compliant with Italian Ministerial
Decree of 21/03/73 and Regulation (EC) 1935/2004 on food
contact materials), with handles and feet



9565BBQ	H	ø	1	095650100
	cm	cm		
	88	59		

9565T

sheet steel table drum with varnished multi-ply
birch top
Supplied with a double KIT of spacing tubes (7 cm or 20 cm)
for vertical adjustment.



9565T	H	ø	1	095650200
	cm	cm		
	95→108	70		

9565S

sheet steel drum with seat made of removable imitation leather



	H cm	ø cm		
9565S	60	38	2	095650300

9565ICE

sheet steel ice drum with lid and non-scratch container, certified for food use

Interior of drum is coated with antirust, water-resistant paint. Storage container can accommodate ice and bottles/cans to cool.



	H cm	ø cm		
9565ICE	60	38	1	095650400

9565K

drum table with two seats



9565K	1	095650500
-------	---	-----------

9563G

office armchairs, for guests



9563G	1	095630050
-------	---	-----------

9563U

office armchair, ergonomic



9563U	1	095630020
-------	---	-----------

9549ABW

wireless Bluetooth V5.0 earphones, with built-in microphone, magnetic charging, USB-C charging base, black

CE



	L mm	H mm	S mm		
9549ABW	61	34,5	41	1	095490091

9549SBW

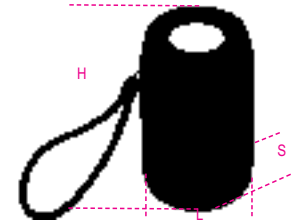
wireless Bluetooth speaker, portable, 6 functions

Bluetooth version 5.0

FUNCTIONS:

- Bluetooth play
- TF card play
- USB play
- audio jack 3.5 mm
- radio FM
- call function

CE



	L mm	S mm	H mm		
9549SBW	73	73	124	1	095490072

9549BP

portable battery, 10000mAh



9549BP	1	095490052
--------	---	-----------

9549CR

4-in-1 multi charging cable, made from braided nylon, quick charge option

- USB type A power supply connector

- Lightning connector to Apple devices
- Micro USB charging connector
- USB-C charging connector
- USB-C charging and data transmission connector



	L mm		
9549CR	120	1	095490042

9549MPC

multi-port charging base, 6 USB ports, for multiple charging up to a maximum absorbed power of 65 W

- 4 USB ports, 5V 2.4A
- 1 USB port, Q.C 3.0
- 1 USB-C port, 20W PD

with separate ON/OFF switch, LED display for checking total wattage, port number and current intensity

CE



	L mm	S mm	H mm		
9545MPC	110	72	35	1	095490082

9549BRW

wireless charging base, with quick charger function and charge level indicator

- Supplied with USB-USB Type C cable, for connection to transformer, 1 m long
- Compatible with all devices supporting wireless charging
- Input: DC 5V/2A, 9V/2A, 12V/1.5A
- Output: 5W/ 7.5W/ 10W/ 15W

CE



Ø mm
H mm

9549BRW 58 6 1 095490100

9549C

USB key, 32 GB



9549C 1 095490062

9547

desk calculator

CE



9547 1 095470000

9594

clock complete with thermometer and hygrometer, 26 cm in diameter



9594 26 1 095940051

9526P

capsule espresso coffee machine. (capsules not included)

Compatible with Lavazza™ and Espresso Point™ capsules for professional use



9526P 1 095260010

9527 6T

set of 6 coffee cups



9527 6T 1 095270001

9527MUG

mug with cover and silicone sleeve



9527MUG 1 095270020

9522A

bottle opener with ergonomic handle



9522A 1 095220010

9523A

aluminium flask, 500 ml



9523A 500 1 095230005

9586K

multipurpose steel knife, 10 functions



9586K 1 095860100

9526RMN

set of 2 packs of 55 rummy playing cards by Modiano®



9526RMN 1 095260001

9592B/C50

set of 50 pens



9592B/C50 1 095920050

9592B/P

customised pens



9592B/P 500 095920051

9592MB

Parker® ballpoint pen



9592MB 1 095920060

9592M/50

set of 50 pencils



9592M/50 1 095920100

9588M

soft foam tray with 1 pen and 2 notebooks



9588M 1 095880011

9596

badge holder, polyester, with metal clip and mobile phone string



9596 10 095961001

9595C

leather key ring



9595C 1 095950011

9595T

metal chrome-plated key ring, in velvet pouch



9595T 1 095950021

9595 C25

metal chrome-plated key ring with rubber hook



9595 C25 1 095950031

9569P

shopper, made of polyethylene, folded sides



9569P L cm 34 H cm 44 50 095691001

9569S

TNT shopper with folded sides, 38x42 cm



9569S L cm 38 H cm 42 50 095690051

9569MS-2

shopper, made of hard-wearing polypropylene



9569MS-2 L cm 45 H cm 40 5 095690055

9569MS

shopper, made of hard-wearing polypropylene, with double handles



9569MS L cm 60 H cm 40 5 095690052

9587 9x14

notebook, 9x14 cm



9587 9X14 L cm 9 H cm 14 5 095870009

9587 13x21

notebook, 13x21 cm



9587 13X21 L cm 13 H cm 21 5 095870013

9588S/10...

set of 10 notepads



9588S/10A 1 095881001
21x29 cm
9588S/10B 1 095881002
15x21 cm
9588S/10C 1 095881003
10x15 cm
9588S/10D 1 095880054
7,5x10,5 cm



9588/10PI

set of 10 notepads with adhesive sheets



9588S/10PI
7,5x7,5 cm

1 095880055

9589A/36

pack of 36 rolls of packaging adhesive tape, with Beta logo, tawny



9589A/36

1 095890035

9589B/36

pack of 36 rolls of packaging adhesive tape, with Beta logo, white

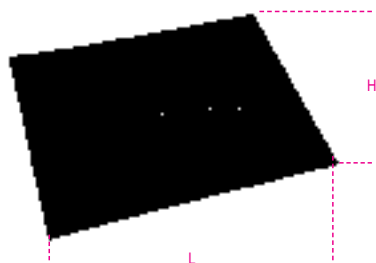


9589B/36

1 095890036

9562TB

mat for trying on shoes, with anti-skid, rubber-coated bottom



9562TB
L mm 800
H mm 600

1 095620500

9562T2

workbench mat, 200x160 cm

- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom



9562T2
L cm 200
H cm 160
1 095620200

9562T1

garage mat, 100X80 cm

particularly suitable for use under motorcycle tyre levers BETA 3071 and 3071B

- easy to clean, anti-skid rubber coated bottom



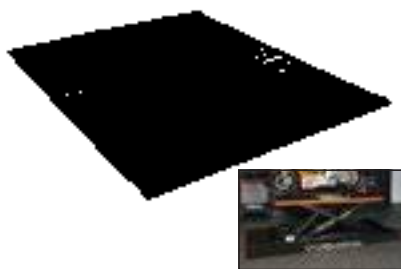
9562T1
L cm 100
H cm 80
1 095620150

9562T3

garage mat, 300x160 cm

- particularly suitable for use under motorcycle jacks

- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom



9562T3
L cm 300
H cm 160
1 095620300

9562P2

multilong mat, 200x80 cm

- particularly suitable for use with workshop equipment item C55 or under motorcycles



9562P2
L cm 200
H cm 80
1 095620400

9562P12

multilong mat roll, 12 m x 80 cm

Allows mat length to be customized as needed



9562P12
L m 12
H cm 80
1 095620425



ELIMINATED ITEMS - SUBSTITUTE/RECOMMENDED ITEMS

	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

96AS/G7	000960745		
111 100	001110010	111E 100	001110110
111 150	001110015	111E 150	001110115
111 200	001110020	111E 200	001110120
111 250	001110025	111E 250	001110125
111 300	001110030	111E 300	001110130
111 380	001110038	111E 380	001110138
111 450	001110045	111E 450	001110145
111 600	001110060	111E 600	001110160
111N 100	001110210	111EN 100	001110410
111N 150	001110215	111EN 150	001110415
111N 200	001110220	111EN 200	001110420
111N 250	001110225	111EN 250	001110425
111N 300	001110230	111EN 300	001110430
111N 380	001110238	111EN 380	001110438
111N 450	001110245	111EN 450	001110445
111G 200	001110620	111CM 170	001110770
111G 250	001110625	111CM 220	001110722
111G 300	001110630	111CM 270	001110727
111HS 200	001114020	111E-HS 200	001114120
111HS 250	001114025	111E-HS 250	001114125
111HS 300	001114030	111E-HS 300	001114130
111HS 380	001114038	111E-HS 380	001114138
111HS 450	001114045	111E-HS 450	001114145
111K 100	001119010		
111K 150	001119015		
111K 200	001119020		
111K 250	001119025		
111K 300	001119030		
410/SPV1	004100420	410/SPVP1	004100421
410/SPV2	004100426	410/SPVP2	004100427
412/SPV1	004120420	410/SPVP1	004100421
412/SPV2	004120426	410/SPVP2	004100427
414/SPV1	004140420	410/SPVP1	004100421
414/SPV2	004140426	410/SPVP2	004100427
415/SPV1	004150420	410/SPVP1	004100421
415/SPV2	004150426	410/SPVP2	004100427
442 22	004420022		
442 24	004420024		
564-3R/VA	005640603	564-3R/V	005640613
564-4R/VA	005640604	564-4R/V	005640614
588	005880001	680/3	006800000
677/50	006770050	677/600	006770006
677/70	006770070	677/800	006770008
677/100	006770100	677/1000	006770010
677/CV1	006770450	677/CVN1	006770455
677/C50	006770606	677/C600	006770607

677/C70	006770611	677/C800	006770612
677/C100	006770615	677/C1000	006770616
677/C150	006770620	677/C1500	006770621
677/CP200	006770720	677/CP2000	006770721
680/2,5	006800002	680/30	006800003
680/40	006800040	680/350	006800035
680/100	006800100	680/2100	006800210
920/55L	009200927		
970OT 65	009700165		
970OT 80	009700180		
970OT 96	009700196		
970OT 111	009700211		
970EA 98	009700398		
970EB 110	009700410		
970EB 95	009700595		
970Q 56	009700756		
970Q 60	009700760		
970C 80	009700808		
970C 95	009700815		
970C 100	009700820		
970C 109	009700829		
970C 115	009700835		
970C 120	009700840		
1046 240	010460240	1044F 250	010440015
1046 400	010460400		
1046K 240	010469240	1044FK 250	010449015
1048 175	010480010	1048N 175	010480910
1048 250	010480015	1048N 250	010480915
1048 300	010480020	1048N 300	010480920
1048V 175	010480110	1048VN 175	010480111
1048V 250	010480115	1048VN 250	010480116
1048V 300	010480120	1048VN 300	010480121
1048K 175	010489010	1048NK 175	010489910
1048VK 250	010489025	1048VNK 250	010489116
1048VK 175	010489110	1048VNK 175	010489111
1048K 250	010489250	1048NK 250	010489915
1309	013090001		
1313	013130001		
1362	013620010	1362B	013620011
1450GC	014500005		
1461/C3B	014610032		
1461/C8G	014610084		
1461/C10G	014610103		
1461/C11G	014610113		
1461/C12G	014610124		
1461/C13A	014610133		
1461/C17B	014610171		
1461/C22B	014610223		
1461/C31B	014610232		

1473Q	014730005		
1498MN/12	014980000	1498BC/12	014980040
1569/A	015690011	1569/SB	015690016
1569/B	015690015	1569/SB	015690017
1590 75	015900307		
1590 125	015900312		
1640K	016400001		
1640T 22,5	016400022		
1640T 25,5	016400025		
1640T 32,5	016400032		
1640T 55,5	016400055		
1640Q 45	016400065		
1640A	016400080		
1640P/9	016400088		
1640P/19	016400089		
1640	016400100		
1651DGT 150	016510111	1651DGTB 150	016510211
1651DGT 200	016510112	1651DGTB 200	016510212
1651DGT/IP	016510611	1651DGTB/IP	016510711
1658DGT25	016580325	1658DGTB 25	016580525
1658DGT50	016580350	1658DGTB 50	016580550
1729	017290001		
1729LR	017290010		
1751 200	017510002	1751N 200	017510020
1751 300	017510003	1751N 300	017510030
1751 500	017510005	1751N 500	017510050
1751 750	017510007	1751N 750	017510075
1751R	017510010	1751NR	017510110
1751 1000	017510011	1751N 1000	017510100
1778D	017780060	1778P	017780088
1778U	017780070	1778AN	017780065
1836A	018360050	1836AW	018360051
1838SL	018380101		
1838S	018380122	1838SW	018380142
1860 160A	018600006	1860BHT/160A	018600179
1860RC/140A	018600604		
1860RC/160A	018600606		
1937 2,5	019370000		
1947M	019470021	1947H	019470011
1947M-ST	019470025		
1947M-T	019470026		
1947M-P	019470027		
1949F	019490027	1949F2	019490028
1949G	019490035		
2029/RT	020290900	C9/RT	021090900
2060/VV	020600101		
2200-COVER RSC22	022000910		
2251-O	022510011		
2252-O	022520001		
2252-R	022520003		

ELIMINATED ITEMS - SUBSTITUTE/RECOMMENDED ITEMS

	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

2300-COVER RSC23	023000920		
2300-COVER RSC23T	023000930		
TV110	024000477		
T56	024240056		
T110	024240110	T111	024240111
TV56	024249901		
M199	024500199	M201	024500201
M202	024500202	M201	024500201
MV130	024510130		
MV153	024510153		
MV199	024510199		
MV202	024510202		
MV292	024510292		
MV165	024510874		
MBV11	024524211		
MBV34	024524234		
MMV140	024590140		
MCV20	027510020		
3000M/RLS	030000206	3000L/RLS	030000212
3000M/LT	030000220	3000L	030000210
C35/6G	035000062	C35/6GM	035000162
C35/7G	035000072	C35/7GM	035000172
C35/8G	035000082	C35/8GM	035000182
C35/9G	035000092	C35/9GM	035000192
3500/P	035000502		
4100-COVER C41H	041000930		
C43	043000003	C42H	042000002
C45PRO PA	045000280	C45PRO PAS	045000290
C50S-O	050000301	RSC51-FO	051000300
C50S-G	050000302	RSC51-A	051000307
C50S-R	050000303	RSC51-R	051000303
5000MS	050000901	2400 RSC24/MP	024004900
C59A-O	059000001	C59A-O	059000011
C59B-O	059000002	C59B-O	059000012
C59C-O	059000003	C59C-O	059000013
C59A-G	059000021	C59A-A	059000031
C59B-G	059000022	C59B-A	059000032
C59C-G	059000023	C59C-A	059000033
C59A-R	059000041	C59A-R	059000051
C59B-R	059000042	C59B-R	059000052
C59C-R	059000043	C59C-R	059000053
5904VU/2M	059041202	5904VU/2M	059041212
7051MP	070510001		
7212FG 35	072120035	7212G 35	072120335
7212FG 36	072120036	7212G 36	072120336
7212FG 37	072120037	7212G 37	072120337
7212FG 38	072120038	7212G 38	072120338

7212FG 39	072120039	7212G 39	072120339
7212FG 40	072120040	7212G 40	072120340
7212FG 41	072120041	7212G 41	072120341
7212FG 42	072120042	7212G 42	072120342
7212FG 43	072120043	7212G 43	072120343
7212FG 44	072120044	7212G 44	072120344
7212FG 45	072120045	7212G 45	072120345
7212FG 46	072120046	7212G 46	072120346
7212FG 47	072120047	7212G 47	072120347
7212FG 48	072120048	7212G 48	072120348
7213FG 35	072130035	7213G 35	072130135
7213FG 36	072130036	7213G 36	072130136
7213FG 37	072130037	7213G 37	072130137
7213FG 38	072130038	7213G 38	072130138
7213FG 39	072130039	7213G 39	072130139
7213FG 40	072130040	7213G 40	072130140
7213FG 41	072130041	7213G 41	072130141
7213FG 42	072130042	7213G 42	072130142
7213FG 43	072130043	7213G 43	072130143
7213FG 44	072130044	7213G 44	072130144
7213FG 45	072130045	7213G 45	072130145
7213FG 46	072130046	7213G 46	072130146
7213FG 47	072130047	7213G 47	072130147
7213FG 48	072130048	7213G 48	072130148
7217FG 35	072170235	7212B 35	072120235
7217FG 36	072170236	7212B 36	072120236
7217FG 37	072170237	7212B 37	072120237
7217FG 38	072170238	7212B 38	072120238
7217FG 39	072170239	7212B 39	072120239
7217FG 40	072170240	7212B 40	072120240
7217FG 41	072170241	7212B 41	072120241
7217FG 42	072170242	7212B 42	072120242
7217FG 43	072170243	7212B 43	072120243
7217FG 44	072170244	7212B 44	072120244
7217FG 45	072170245	7212B 45	072120245
7217FG 46	072170246	7212B 46	072120246
7217FG 47	072170247	7212B 47	072120247
7217FG 48	072170248	7212B 48	072120248
7219FY 35	072190035	7214G 35	072140235
7219FY 36	072190036	7214G 36	072140236
7219FY 37	072190037	7214G 37	072140237
7219FY 38	072190038	7214G 38	072140238
7219FY 39	072190039	7214G 39	072140239
7219FY 40	072190040	7214G 40	072140240
7219FY 41	072190041	7214G 41	072140241
7219FY 42	072190042	7214G 42	072140242
7219FY 43	072190043	7214G 43	072140243
7219FY 44	072190044	7214G 44	072140244
7219FY 45	072190045	7214G 45	072140245
7219FY 46	072190046	7214G 46	072140246
7219FY 47	072190047	7214G 47	072140247

7219FY 48	072190048	7214G 48	072140248
7328EA 38	073280538	7328A 38	073280638
7328EA 39	073280539	7328A 39	073280639
7328EA 40	073280540	7328A 40	073280640
7328EA 41	073280541	7328A 41	073280641
7328EA 42	073280542	7328A 42	073280642
7328EA 43	073280543	7328A 43	073280643
7328EA 44	073280544	7328A 44	073280644
7328EA 45	073280545	7328A 45	073280645
7328EA 46	073280546	7328A 46	073280646
7328EA 47	073280547	7328A 47	073280647
7328EN 38	073280738	7328N 38	073280838
7328EN 39	073280739	7328N 39	073280839
7328EN 40	073280740	7328N 40	073280840
7328EN 41	073280741	7328N 41	073280841
7328EN 42	073280742	7328N 42	073280842
7328EN 43	073280743	7328N 43	073280843
7328EN 44	073280744	7328N 44	073280844
7328EN 45	073280745	7328N 45	073280845
7328EN 46	073280746	7328N 46	073280846
7328EN 47	073280747	7328N 47	073280847
7340R 36	073400436		
7340R 37	073400437		
7340R 38	073400438		
7340R 39	073400439		
7340R 40	073400440		
7340R 41	073400441		
7340R 42	073400442		
7340R 43	073400443		
7340R 44	073400444		
7340R 45	073400445		
7340R 46	073400446		
7340R 47	073400447		
7525 XS	075250046	7530 XS	075300046
7525 S	075250048	7530 S	075300048
7525 M	075250050	7530 M	075300050
7525 L	075250052	7530 L	075300052
7525 XL	075250054	7530 XL	075300054
7525 XXL	075250056	7530 XXL	075300056
7525 XXXL	075250058	7530 XXXL	075300058
7579T S	075790001	7579QN S	075790201
7579T M	075790002	7579QN M	075790202
7579T L	075790003	7579QN L	075790203
7579T XL	075790004	7579QN XL	075790204
7579T XXL	075790005	7579QN XXL	075790205
7579T XXXL	075790006	7579QN XXXL	075790206
7634G XS	076340100	7637G XS	076370000
7634G S	076340101	7637G S	076370001
7634G M	076340102	7637G M	076370002
7634G L	076340103	7637G L	076370003
7634G XL	076340104	7637G XL	076370004

ELIMINATED ITEMS - SUBSTITUTE/RECOMMENDED ITEMS

	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

7634G XXL	076340105	7637G XXL	076370005
7634G XXXL	076340106	7637G XXXL	076370006
7634B XS	076340200		
7634B S	076340201		
7634B M	076340202		
7634B L	076340203		
7634B XL	076340204		
7634B XXL	076340205		
7634B XXXL	076340206		
7780T S	077800101	7780QN S	077800201
7780T M	077800102	7780QN M	077800202
7780T L	077800103	7780QN L	077800203
7780T XL	077800104	7780QN XL	077800204
7780T XXL	077800105	7780QN XXL	077800205
7780T XXXL	077800106	7780QN XXXL	077800206
7810 S	078100101	7600G S	076000001
7810 M	078100102	7600G M	076000002
7810 L	078100103	7600G L	076000003
7810 XL	078100104	7600G XL	076000004
7810 XXL	078100105	7600G XXL	076000005
7812 S	078120001	7610G S	076100001
7812 M	078120002	7610G M	076100002
7812 L	078120003	7610G L	076100003
7812 XL	078120004	7610G XL	076100004
7812 XXL	078120005	7610G XXL	076100005
7813 S	078130001	7611G S	076110001
7813 M	078130002	7611G M	076110002
7813 L	078130003	7611G L	076110003
7813 XL	078130004	7611G XL	076110004
7813 XXL	078130005	7611G XXL	076110005
7816G XS	078160000	7818G XS	078180000
7816G S	078160001	7818G S	078180001
7816G M	078160002	7818G M	078180002
7816G L	078160003	7818G L	078180003
7816G XL	078160004	7818G XL	078180004
7816G XXL	078160005	7818G XXL	078180005
7816G XXXL	078160006	7818G XXXL	078180006
7816BL XS	078160100	7818BL XS	078180100
7816BL S	078160101	7818BL S	078180101
7816BL M	078160102	7818BL M	078180102
7816BL L	078160103	7818BL L	078180103
7816BL XL	078160104	7818BL XL	078180104
7816BL XXL	078160105	7818BL XXL	078180105
7816BL XXXL	078160106	7818BL XXXL	078180106
7817N S	078170101	7600N S	076000101
7817N M	078170102	7600N M	076000102
7817N L	078170103	7600N L	076000103

7817N XL	078170104	7600N XL	076000104
7817N XXL	078170105	7600N XXL	076000105
7819B S	078190101	7610N S	076100101
7819B M	078190102	7610N M	076100102
7819B L	078190103	7610N L	076100103
7819B XL	078190104	7610N XL	076100104
7819B XXL	078190105	7610N XXL	076100105
8021 3	080210003	8021A 3	080210103
8021 5	080210005	8021A 5	080210105
8021 6	080210006	8021A 6	080210106
8021 8	080210008	8021A 8	080210108
8021 10	080210010	8021A 10	080210110
8021 12	080210012	8021A 12	080210112
8021 14	080210014	8021A 14	080210114
8021 16	080210016	8021A 16	080210116
8021 18	080210018	8021A 18	080210118
8021 20	080210020	8021A 20	080210120
8021 22	080210022	8021A 22	080210122
8021 24	080210024	8021A 24	080210124
8021 26	080210026	8021A 26	080210126
8021 28	080210028	8021A 28	080210128
8021 30	080210030	8021A 30	080210130
8021 32	080210032	8021A 32	080210132
8021 35	080210035	8021A 35	080210135
8041 M16	080410216	8041HP M16	080410217
8041 M20	080410220	8041HP M20	080410221
8043 M16	080430216	8043HP M16	080430217
8043 M24	080430224	8043HP M24	080430225
8050D29	080500974		
8057 5,3	080570053	8057R 5,3	080570153
8058 8,0	080580080	8058 8,0	080580180
8060 8	080600080	8060R 8000	080600180
8061F 8	080610180	8061R 8,0	080610280
8085 8,0	080850080	8085 8,0	080850280
8085 11,2	080850190	8085 11,2	080850311
8090 8,0	080900080	8090 8,0	080900180
8131Z 6X800	081310068		
8131Z 8X1000	081310081		
8131Z 8X1200	081310082		
8131Z 10X1500	081310105		
8135/KLA 0,75	081350905	8135/KLA1 0,75	081350605
8135/KLA 0,75	081350905	8135/KCA 0,75	081350630
8135/KLA 0,75	081350905	8135/KMO 0,75	081350655
8135/KLA 1,0	081350910	8135/KLA1 1,0	081350610
8135/KLA 1,0	081350910	8135/KCA 1,0	081350635
8135/KLA 1,0	081350910	8135/KMO 1,0	081350660
8135/KLA 2,0	081350920	8135/KLA1 2,0	081350615
8135/KLA 2,0	081350920	8135/KCA 2,0	081350640
8135/KLA 2,0	081350920	8135/KMO 2,0	081350665
8135/KLA 3,0	081350930	8135/KLA1 3,0	081350620
8135/KLA 3,0	081350930	8135/KCA 3,0	081350645
8135/KLA 3,0	081350930	8135/KMO 3,0	081350670

8135/KLA 5,0	081350950	8135/KLA1 5,0	081350625
8135/KLA 5,0	081350950	8135/KCA 5,0	081350650
8135/KLA 5,0	081350950	8135/KMO 5,0	081350675
8139Z 10	081390009		
8143/RK 0,5	081430905	8143/RKL 0,5	081430500
8143/RK 0,5	081430905	8143/RPC 0,5	081430510
8143/RK 0,5	081430905	8143/RPF 0,5	081430520
8143/RK 1,0	081430915	8143/RKL 1,0	081430501
8143/RK 1,0	081430915	8143/RPC 1,0	081430511
8143/RK 1,0	081430915	8143/RPF 1,0	081430521
8143/RK 2,0	081430920	8143/RKL 2,0	081430502
8143/RK 2,0	081430920	8143/RPC 2,0	081430512
8143/RK 2,0	081430920	8143/RPF 2,0	081430522
8143/RK 3,0	081430930	8143/RKL 3,0	081430503
8143/RK 3,0	081430930	8143/RPC 3,0	081430513
8143/RK 3,0	081430930	8143/RPF 3,0	081430523
8143/RK 5,0	081430950	8143/RKL 5,0	081430504
8143/RK 5,0	081430950	8143/RPC 5,0	081430514
8143/RK 5,0	081430950	8143/RPF 5,0	081430524
8146/RK 0,75	081460908	8146/RKL 0,75	081460500
8146/RK 0,75	081460908	8146/RPC 0,75	081460510
8146/RK 0,75	081460908	8146/RKFC 0,75	081460520
8146/RK 1,5	081460915	8146/RKL 1,5	081460501
8146/RK 1,5	081460915	8146/RPC 1,5	081460511
8146/RK 1,5	081460915	8146/RKFC 1,5	081460521
8146/RK 3,0	081460930	8146/RKL 3,0	081460502
8146/RK 3,0	081460930	8146/RPC 3,0	081460512
8146/RK 3,0	081460930	8146/RKFC 3,0	081460522
8146/RK 6,0	081460960	8146/RKL 6,0	081460503
8146/RK 6,0	081460960	8146/RPC 6,0	081460513
8146/RK 6,0	081460960	8146/RKFC 6,0	081460523
9557J 3,0	095570030		
9577M S	095770051	9577R S	095770151
9577M M	095770052	9577R M	095770152
9577M L	095770053	9577R L	095770153
9577M XL	095770054	9577R XL	095770154
9811L T100 (1-2)	098110510		
9811L T100 (3)	098112510		
9812M T100 (1-2)	098120510		
9812M T100 (3)	098122510		
9813H T100 (1-2)	098130510		
9813H T100 (3)	098132510		
9821L T100 (1-2)	098210510		
9821L T100 (3)	098212510		
9822M T100 (1-2)	098220510		
9822M T100 (3)	098222510		
9823H T100 (1-2)	098230510		
9823H T100 (3)	098232510		
9851 500 (1-2)	098510050		
9851 500 (3)	098512050		
11050 180X7	110500180		



Abrasive discs	529÷531, 542
Abrasive shaft-mounted wheels	532÷535
Adjustable wrenches	24, 63, 289, 295, 303, 309
Amperometric clamps	235-236
Anti-waste rolls	543
Assortments of tools in thermoformed trays	494÷517
Auto-darkening LCD mask	255-256
Automatic cable reels with inspection lamps	248÷250
Automatic hose reel for compressed air or cold water	337
Barrel pumps	259
Battery tools	315
Beta Abrasives	527÷543
Beta BM	547÷553
Beta Chemicals	521÷526
Beta Collection	672÷683
BetaEVOX screwdrivers	146÷148
BetaGrip screwdrivers	152÷155, 292-293
BetamaX screwdrivers	157÷159, 304, 312
Bevel gearbox	84
Bevel protractor	216
Bicycle tools	282÷286
Bike lifts	283
Bit reamers	222
Bits and bit holders	25, 78÷85, 150-151, 155, 289
Bits for drilling, threading and countersinking	47
Blister pack range	554÷568
Blocks and hoists	650÷652
Bolt cutters	135
Bonding guns	229
Bottle holders	365-366
Bristle brush	227
Brushes	227, 314
Cable cutters	139, 291
Cable stripping tools and wire stripping pliers	139-140
Callipers	216-217
Cape chisels	10
Carpenter's pencil	218
Centre punches	10
Chalk line reels and powder	221
Circlip pliers	129-130, 173, 209, 296-297, 311
Closed end terminals	549
Combination pliers	140-141, 292, 298, 303, 312
Combination wrenches	11÷13, 25-26, 296, 302, 307
Combo tool cases and accessories	352÷356
Covers for tool chests	381
Crimping pliers for terminals and terminals	544÷546
Crowfoot wrenches, 3/8" square drive	96
Cutting nippers for electronic purposes	144-145
De-icer spray	526
Desoldering pumps	254
Detergents	525-526
Diagonal and end cutting nippers	133-134
Dial indicators	215
Dies and assortments	47÷51
Digital litre counter for oil	259
Digital tachometer	236
Display units for sales points	569÷582, 629-630



Double ended hexagon / bi-hex offset socket wrenches	112-113, 296, 311
Double swivel end socket wrenches	15, 496,
Double-ended offset ring wrench for scaffolding bolts	17, 308
Drift punches	9, 306
Electric platform cart	386
Electrical products	544÷553
Electrician's scissors	137-138, 291, 297
Electronic torque meter with Dynatester transducer	70
Electronic videoscope	123
Engineer's scribers	217-218
Environmental meters	237-238
Extractors for damaged screws and studs	170-171
Extra-flat chisels with straight cutters	126, 161
Eyebolts	640÷643
Files	161, 223÷226, 314
Filtering mask	629
Fitting tool for ties and ties	552
Flap discs	535÷539
Flap/non-woven wheels	540÷542
Flare nut open ring wrenches	17
Flat chisels	10, 294, 302, 306, 314
Flexible magnetic pickup tools	221
Flexible pickup tools	222
Fluid extractor	259
Folding tool trolley	355, 375
Footboard	239
Friction tape	553
Graduated rules	217, 299
Hacksaw frames and blades	226
Hammers	162, 166÷168, 312, 298-299, 304
Hand crimper steel matrix	133
Hand punch steel punch and matrix	133
Hand sockets, accessories and assortments, 1"	109-110
Hand sockets, accessories and assortments, 1/2"	99÷108, 290-291, 303, 310
Hand sockets, accessories and assortments, 1/4"	86÷93
Hand sockets, accessories and assortments, 3/4"	108-109, 310-311
Hand sockets, accessories and assortments, 3/8"	93÷98, 289-290, 309
Hand taps and assortments	43÷45
Heat guns	250
Heating plates for manual straight and slanted welding of plastic pipes	28
Heavy-duty cable cutters	135
Hi-torque hexagon nut spinners with handles	113-114, 291, 570
Holesaws and hole cutters and accessories	51÷53
Hook wrenches	23-24, 64, 309
Hot glue guns	250
Hub and wheel drum pullers	205-206
Hydraulic press	211
Hydraulic pullers	211
Impact screwdrivers	158-159
Impact sockets, accessories and assortments	70÷74
Industrial tool chests	357÷359, 372-373, 377-378, 382,
Inspection mirrors	222
Instant glue	524
Insulated tools, 1000V	287÷293
Insulating gloves	293
Insulating mat	293
Insulating sheaths	553
Kneeling pad	266

Knives	241, 293, 314,
Lamps	244÷248
Laser meters	218
Lever clamps	212
Lever operated grease guns	229
Lever-operated grease gun	230
Lifting airbag	242
Lifting chain slings	644÷650
Lifting shackles	639-640,655
Liquid gasket	523
Locker	523
Locking wire pliers	238
Long and extra-long nose pliers	128, 140÷144, 292, 298, 311
Lump hammers	169, 313
Magnetic squares for welders	255
Magnetic tool holders	239
Magnetic welding discs for lifting metal sheets	255
Magnetic welding vices	255
Magnetizer/demagnetizer	145
Mains testing screwdrivers	150
Manual rope winches and accessories	652÷658
Masonry chisels	220
Measuring tapes	218
Metric feeler gauges	221
Micrometers	214
Microscrewdrivers	151
Mobile roller cabs	360÷368, 374÷381, 408-409, 431
Mobile workstation	371
Morse taper extractors	44
Motorcycle tools	276÷281
Multilayer pipe gauge	31
Multimeters	234-235
Nut splitters	221
Nylon clamps	550÷553
Nylon wire puller	546
Offset key wrenches for hexagon and Torx® head screws, with high torque handles	21÷23, 191, 295, 303,
Offset key wrenches for hexagon and Torx® head screws	18-23
Offset key wrenches with XZN® profile	23
Offset screwdrivers	149
Oil cans	230-231
Oil gun	259
Oil pressure pump	163
Panel toolholders	365, 376, 393, 414, 416-417,436-437
Paper roll holders	365
Parallel bench vices	212
Pen oiler	231
Pin punches	9, 306, 509
Pincers	134-135
Pipe benders	34-35
Pipe cutters	28÷30, 32, 309
Pipe reamers	31
Pipe wrenches	33-34, 296, 303, 309
Pivoting clamp vices, for plumbing purposes	35
Plastic barrier chains and posts	628
Plastic repair kit	166
Pliers for electronic purposes	143-144



Plumbing tools	28÷35
Pneumatic tools and accessories	318÷340
Polywelders and forms	28
Portable tool chests	357÷359, 372-373, 377-378, 382,
Pre-insulated terminals	548
Protractors	216
Pry bars	123, 221, 311
Pullers	201÷211
Punches	135-136
Radius gauges	221
Ratcheting wrenches	25÷27, 296
Ratchet-type shears for PVC pipes	30
Reversible screwdrivers	155-156
Revolving punch pliers	238
Ring wrenches	15,÷17, 289, 295, 307-308
Riveting pliers and rivets	227÷229
Robur wire rope accessories	631÷671
Safety footwear	583÷611
Safety goggles	629
Scissors	138, 242, 314
Scrapers	173, 186, 222, 240, 314
Screw clamps	212
Screw pitch gauge	221
Screwdrivers with steel heads	149-150
Screwholding screwdrivers	150
Seat with castors	265÷267
Self-locking pliers	131÷133, 297, 303
Shears	136-137
Silicone sealant	524
Single and double open end wrenches	14-15, 289, 295, 307
Sledge hammers	169, 313
Slip joint pliers, boxed joints	130-132, 140-141, 184, 297, 303, 312,
Slogging wrenches	14-15, 307-308
Soft face hammers	169-170, 299, 313,
Soldering irons	253-254
Sparkproof axe	314
Sparkproof pick	314
Sparkproof safety valve wrenches	307÷311
Sparkproof shovel	314
Sparkproof tools	306÷314
Spatulas	226, 314
Special end mills for welding	41
Spirit levels and levelling staffs	219-220
Spotlights	245
Spray cleaner	525-526
Spray grease	524-525
Spray guns	337
Spray silicone	525
Spray unlocking lubricant	524
Spray zinc	526
Spring puller	226
Spring tweezers	126÷128, 291
Squares	215-216
Stainless steel helicoids	46-47
Stainless steel tools	301÷305
Stainless steel wire rope accessories	658÷663
Steel plate lifting clamps	649
Stepped drills	41-42



Suction lifters	238
Support for impact wrenches	324
Tap wrenches and die stocks	46, 49
Tethered tools	294÷300
T-handle socket wrenches for hexagon and Torx® head screws	115÷117
T-handle wrenches with three male ends for hexagon and Torx® head screws	115÷117, 291, 311
Thermal camera	237
Thermoformed tool trays	493÷518
Thermometers	237
Thimbles	638
Thread sealant	522
Threadlocker	522
Three-leg pullers	202÷205, 211
Tie downs	663, 667÷670
Tool accessories for cabinets, drawers and panels	518÷520
Tool assortments	441÷492
Tool bags	333, 336÷338
Tool boxes	348÷351
Tool cabinets	390, 419
Tool cabinets, sheet metal	420÷422, 439
Tool cases	342÷346, 352÷355
Tool chest trolleys	358
Tool pouches with belts	344
Tool rucksack	347-348
Tool trolleys, 2 wheels	345-346, 348-349, 383-38
Tool trolleys, 4 wheels	368÷370, 385, 387-388, 413, 435
Tool trunks	349, 351
Torches	243-244
Torque angle indicators	61
Torque bars	62, 67÷69
Torque multipliers	55-56
Torque screwdrivers	60
Torque wrenches and bars	60÷69, 289, 296
Tube flaring tools	32-33
Tubular socket wrenches	111-112
Twist drills with cylindrical shanks	36÷42
Two-leg pullers	201÷205, 211
Ultrasonic cleaning tank	263-264
Utility knives	240
Vacuum cleaners for solid and fluid	256-257
Vehicle repair	117÷126, 160÷166, 170÷211, 231÷239
Velcro cable ties	552
Voltage tester	237
Warning and prohibition signs	629
Waterproofing spray	526
Webslings and lifting ropes	664÷667
Welding machines	254-255
Welding pliers	255
Wire rope clips	637-638
Wire rope turnbuckles	632÷637
Wood rip saw	226
Work mat	266, 278, 293, 397, 652
Workbenches	389, 391-392, 394÷397, 402÷404, 407, 430-431,
Workshop Equipment	398÷440
Workshop verniers	213-214
Workwear	612÷630
Wrenches for control panel operators	213

Automotive



Acid densimeter, glass body	233
Adjustable body blade holders with flexible flat blades	161
Air conditioner charging station	262÷263
Air hydraulic jack	275
Antifreeze densimeter, glass body	233
Automatic gearbox station	260
Ball joint pullers	210
Battery chargers	198÷200
Battery fillers	231
Battery lug and post cleaner steel brush	227
Bench sander	264
Brake fluid extractor	179-180
Brake spring pliers	180
Car interior/exterior cleaning tools	256-257, 265
Car protectors	266
Chain opening tool	280
Claw hammers	162
Clip pliers	238
Clutch aligners	172
Compressors for shock absorber springs	209
Cooling system seal testers	233
Creepers	266-267
Curved angled spoons	161
Dent puller	162-163
Dent reflector	163
Diesel injector test and calibrating hand pump	122
Digital pressure and compression tester	177÷180
Dollies	160-161
DSG lever	172
Engine brackets	269
Engine oil-filter wrenches	190÷193
Engine parts cleaning stations	265
Exhaust pipe expanders	184
Exhausted oil drain units	257-258
External butt-ended circlip pliers	173
Feeler gauges for car body repair shops	162
Fluid collection tank	258-259
Folding hydraulic crane	270
Four-way hexagon wheel nut wrenches	124
Gas oil filter wrenches	193
Gauge for tyre threads	221
Gearbox/transmission trolley	388
Heavy vehicle tools	124

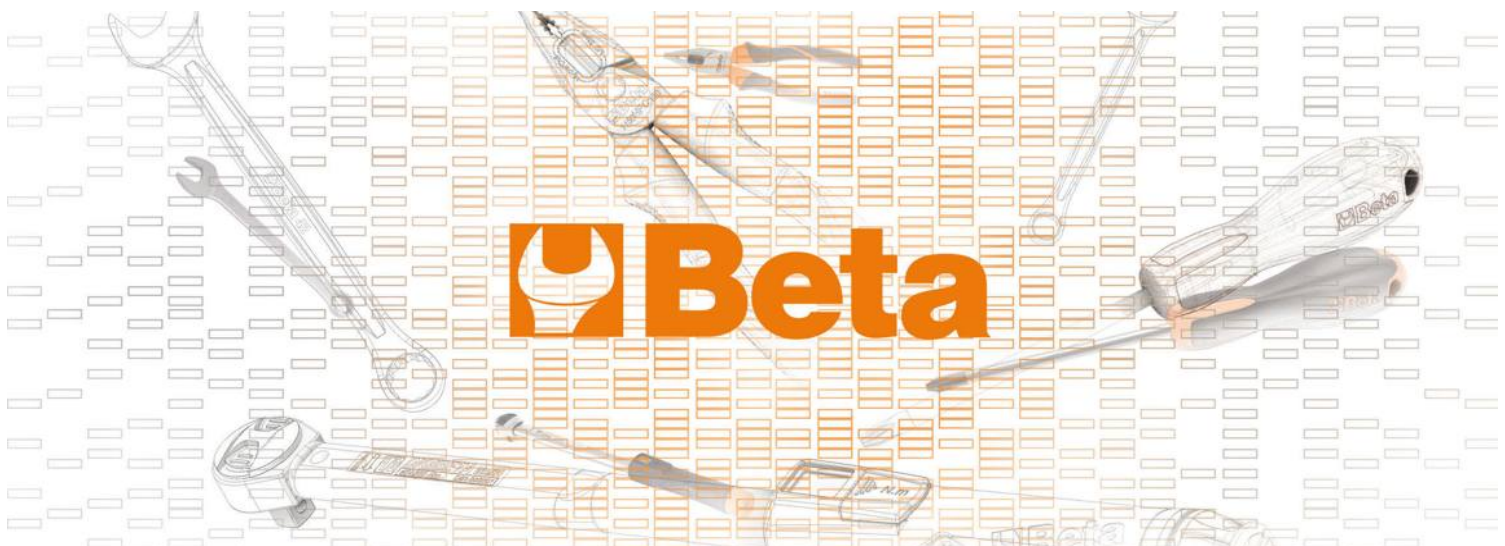
INDEX OF CAR VEHICLE TOOLS

Homokinetic joint pullers	210
Hose clamp pliers	182-183
Hose pliers	187
Hydraulic bottle jacks	269
Hydraulic car jack with wheels	273-274
Hydraulic pit and under bridge jack	270-271
Hydraulic press	271-272
Impact sockets for wheel nuts	72-73
Instrument for controlling compression on petrol and Diesel engines	121-122
Jack and positioner for truck wheels	268
Jack stands	268
Kit for filling diesel oil filters	186
Leaf spring pin sockets	209
Lever for removing wishbone heads from pillar	210
Male guide pins for wheel installation	125
Mobile workstation for diagnostic tools	385
Motorcycle stands	277
Oil seal wrenches	194-195
Packing removal tool	206
Parking sensor punches	165
Part cleaning tank	263÷265
Piston ring compressors	173
Plastic funnel	232, 314
Pneumatic dent puller	164
Pneumatic valve grinder	173
Quick coupler pliers for fuel pipes	187
Reamers for cleaning injector seats	122
Relay pliers	195-196
Rubber-covered aluminium foil, formable	232
Signal detector	236
Sliding gauges for brake discs and drums	73
Sockets for Diesel engine injectors	118-119
Sockets for Lambda probes	119
Sonoscope probe	201
Spark plug pliers	184
Spark plug wrenches and sockets	118
Spring pulling hook wrenches	170
Square impact sockets for Isuzu wheel nuts	76
Starters	198
Stopping knives made of stainless steel	161
Striking tools for installing conical bearings and oil seals	211
Telescopic rod	239
Temperature sensor wrenches	120
Tester for batteries and recharging systems	201
Timing devices	173÷176
Tool for disc brake pistons	181
Tool for removing and inserting silentblocks	211
Tools for airbag	172

INDEX OF CAR VEHICLE TOOLS



Tools for air-conditioning systems	188
Tools for common rail diesel injector	121
Tools for pulling out car radios	238
Tools for releasing electrical connectors	196
Tools for removing broken glow plugs	121-122
Tools for removing glass windows	238
Tools for spark plug coils	183
Tools for tyre valves	124-125
Torsion bars for wheel nuts	77
Trim pin removers	185
Tyre bead seaters	336
Tyre inflator	336
Tyre levers	123, 285
Underbody trolley for vehicles	268
Valve depressors for disc removal	180
Valve seat removing tool	173
Valve spring compressors	162
Valve timing system pulley locking tools	177
Vapour extractor	122
Voltage stabilizer	201
Voltage tester	196
Wheel balancing weight tool	126
Wheel covers	124
Wheel hub nut locking sockets	124
Wheel lifter	268
Wheel nut plastic cap pliers	125
Wheeled bodywork spotter	164÷165
Window trim tool remover	239
Wrench for natural gas cylinder valves	189-190
Wrench for removing steering arms	210
Wrench for turbines	184
Wrenches for fuel connectors	176
Wrenches for fuel tank floating ring nuts	187



1		1032HS	296	1081	133	1126	137	1149F	140
		1032BA	311	1082	133	1127	137	11491	543
100	24	1032K	559	1082BM	133	1128BAX	137	11493	543
100/KIT	24	1033	129	1082G	133	1128BMX	137	11495	543
110BA	309	1033K	559	1082GBM	134	1128BMX/F	137	11498	543
110MQ	289	1034	129	1082MQ	291	1128BM	138	1150	140
111CM	24	1034L	129	1082BM-HS	297	1128BSX	138	1150G	140
111E	24	1034HS	297	1082INOX	303	1128FX	138	1150BM	141
111EN	24	1034K	559	1082BA	312	1128FXS	138	1150GBM	141
111ER	24	1036	129	1082GK	559	1128MQ	291	1150HPC	141
111E-HS	295	1036HS	297	1082K	559	1128BAX-HS	297	1150MQ	292
111INOX	303	1036BA	311	1082BMK	560	1129BM	138	1150BM-HS	298
120	25	1036K	559	1082GBMK	560	1129BMK	561	1150INOX	303
120/B6N	25	1037	129	1084	134	1130BMX	138	1150BA	312
123/K4	25	1037K	559	1084BM	134	11300A	541	1150BMK	561
123E1/4	25	1038	129	1084G	134	11300B	541	1150GBMK	561
123Q1/2	25	1038HS	297	1084GBM	134	11300C	541	1150GK	561
123Q1/4	25	1038K	559	1084MQ	291	11300D	541	1150K	561
123Q3/8	25	1039	130	1084BMK	560	11300E	541	1153	141
141	25	1044	130	1084GBMK	560	11300F	541	1153INOX	303
141/B	25	1044F	130	1084GK	560	11300G	541	1162	141
141/S	25	1044FK	559	1084K	560	1131CK	138	1162BM	142
142	25	1044K	559	1088	134	1132	139	1162G	142
142/B	26	1046BA	312	1088BM	134	1132BM	139	1162GBM	142
142/S	26	1047	130	1088MQ	291	11320	541	1162MQ	292
142/SC9I-E	26	1047BM	130	1088BM-HS	297	1132MQ	291	1162BA	312
142AS	26	1048BM	130	1088BMK	560	1132BM-HS	298	1162BMK	561
142AS/S	26	1048N	130	1088K	560	1132BMK	561	1162GK	561
142C	26	1048N/D3	130	1092V	134	1132K	561	1162K	561
142C/A	26	1048VN	130	1094V	134	1133	139	1162GBMK	562
142HS	296	1048MQ	291	1095N	134	1133RL	139	1164	142
142K	556	1048BM-HS	297	1096	134	1134	139	1164BM	142
142MC	26	1048INOX	303	1096K	560	1134A	139	1164MQ	292
142MC/SC9I-E	26	1048NK	559	1098	135	1134A/RL	139	1164BMK	562
142SN	26	1048VNK	559	1098PL	135	1134RL	139	1164K	562
142SN/S	26	1050	131	1098K	560	1137BA	312	1166	142
142SN/SC9	26	1051	131	1098PLK	560	1137BA/RC	312	1166BM	142
186	27	1051GM	131	1100BA 600	312	11411	541	1166G	142
187	27	1051L	131	1101	135	11415B	541	1166GBM	142
187/B5	27	1051XL	131	1101R	135	1142BM	139	1166MQ	292
188	27	1052	131	1102	135	11420B	542	1166BM-HS	298
192	27	1052HS	297	1103	135	1142MQ	292	1166BA	312
192/S2	27	1052BA	312	1103R	135	1142BMK	561	1166BMK	562
194	27	1052K	559	1104	135	1143	139	1166GBMK	562
195	27	1053	131	1104R	135	1143R	139	1166GK	562
195/B5	27	1054	131	1105	135	11431	542	1166K	562
195AS	27	1055	131	1105/C10T	136	11435	542	1168	142
195AS/B	27	1055D	131	1105/C16T	136	1144D	139	1168G	142
195K	556	1056	131	1105/C32T	136	1144D/RG	139	1168BM	143
195P	27	1057A	132	1105AD-50	136	1144D/RL	139	1168GBM	143
195P/B5	27	1058	132	1105T20	136	1144G	139	1168MQ	292
1002	128	1059	132	1105T30	136	1144G/RL	140	1168BM-HS	298
1008	128	1060	132	1105T50	136	1144L	140	1168BMK	562
1008BM	128	1061	132	1112	136	1144T	140	1168GBMK	562
1009	128	1062	132	1114	136	11440A	542	1168GK	562
1009L/A	128	1062AL	132	1118	136	11440B	542	1168K	562
1009L/B	128	1062GM	132	1120A	136	11440C	542	1169/D3	143
1009L/C	128	1063	132	1120ARL - ARG	136	11450A	542	1169BM/D3	143
1009L/D	128	1064	133	1122	136	11450B	542	1169G/D3	143
1009L/DP	128	1065F	133	1122 - 1125MOL	137	11450C	542	1169GBM/D3	143
1009L/DP-S2	128	1065P	133	1122K	560	1148A	140	1171BM	143
1010	128	1066	133	1123	137	1148A/R	140	1172BM	143
1010BM	128	1067	133	1123K	560	1148B	140	1172BM/P	143
1010MQ	291	1077	133	1124	137	1148B/R	140	1173BM	144
1031/S4	129	1078	133	1124K	560	1148P	140	1175BM	144
1032	129	1080D	133	1125	137	11488PF	543	1177BM	144

ALPHANUMERIC INDEX

1177BM/Z	144	1253A	150	1269PZ	155	1294L	158	1366B	164
1178BM	144	1254	150	1269PZ/S4	155	1294HS	298	1366KF	164
1178BM/P	144	1256/C36-2	150	1269N/PZK	564	1294K	564	1366S	164
1182BM	144	1256LP	150	1269PZK	564	1295	158	1366S KIT	164
1183BM	144	1256PE	150	1270BA	312	1295/C14	159	1366S/R1	164
1184BM	145	1256PH	150	1272MQ	292	1297TX	159	1366S/R2	164
1185BM	145	1256PZ	150	1272MQ/S	292	1297TX/D6	159	1366S/R3	164
1186BM	145	1256/20	151	1272MQF	292	1297TX/L	159	1366S/R4	164
1188BM	145	1256/30	151	1272BA	312	1297TX/L-S5	159	1366S/R5	164
1190BM	145	1256RTX	151	1273MQ/D6	292	1297TX/S12	159	1366SL	164
1191BM	145	1256TX	151	1273MQF/D6	292	1298RTX	159	1366ST	164
1191BM/L	145	1257BE	151	1273MQF/E1	573	1298RTX/S8	159	1366S/R10	165
1191R/5-M	145	1257ES	151	1273MQF/E4	573	1298RTXK	564	1366S/R11	165
1200MS	145	1257ESB/S8	151	1274MQ	292	1299N/PZ	159	1366S/R12	165
1201E	146	1257LP	151	1274MQF	292	1299PZ	159	1366S/R13	165
1201E/DZ	146	1257LP/S	151	1274MQ/S	293	1299PZ/S6	159	1366S/R14	165
1201E/S6	146	1257LPH/S8	151	1275MQ/C	293	1299HS	298	1366S/R21	165
1201EN	146	1257PH	151	1276MQ/C	293	1299N/PZK	564	1366S/R22	165
1201E/K	562	1257TX	151	1277BA	312	1299PZK	564	1366S/R24	165
1201EN/K	562	1257TX/S	151	1279MQ	293	1302	160	1366S/R25	165
1202E	147	1260	152	1279MQ/F	293	1303	160	1366S/R26	165
1202E/S4	147	1260/S6	152	1279MQ/S	293	1304	160	1366S/R6	165
1202EL	147	1260N	152	1281BG	155	1305	160	1366S/R7	165
1202EN	147	1260E	153	1281LP	155	1305Z	160	1366S/R8	165
1202E/K	562	1260MC	153	1281PB	155	1306	160	1366S/R9	165
1202EN/K	562	1260EK	563	1281PM	155	1307	160	1367/K10	165
1203E/D	147	1260K	563	1281/B28A	156	1308	160	1367/S4	165
1203E/S	147	1260NK	563	1281BG/A9	156	1310	160	1368	166
1203/E10P	571	1262	153	1281BG/B28NA	156	1312	160	1368G/C2U	166
1203/E1P	571	1262/S4	153	1281BG-TX/A8	156	1314	161	1368G/CV	166
1203/E4P	571	1262E	153	1281LPH	156	1326	161	1368G/K400	166
1203/E5P	571	1262L	153	1281PE	156	1327	161	1368G/OD	166
1204E	147	1262MC	153	1281PH	156	1328	161	1368G/SD	166
1204E/S5	147	1262N	153	1281PZ	156	1329	161	1369/C11	166
1204EL	148	1262EK	563	1281RTX	156	1330	161	1370	166
1204E/K	562	1262K	563	1281TX	156	1331	161	1370/MR...	167
1205E/ES	148	1262NK	563	1290	157	1335BM	161	1370F	167
1205E/ES-S8	148	1263/D...	153	1290/S	157	1337/S5	161	1370F/MR...	167
1206E/BP	148	1263/S12	154	1290N	157	1338	161	1370FT	167
1206E/BP-S7	148	1263MC/D8	154	1290HS	298	1338A - 1338B	161	1370T	167
1207E/TX	148	1263/E74	571	1290INOX	304	1338R9 - 1338R12	161	1370T-HS	298
1207E/TX-D	148	1263/E78	571	1290K	564	1342	161	1370FT-HS	299
1207E TX/K	563	1263/E39	572	1290K/INOX	564	1342PM	161	1370INOX	304
1208E/RTX	148	1263/E40	572	1290NK	564	1342PMR	161	1370BA	312
1208E/RTX-D	148	1263/E50	572	1292	157	1343	161	1370BA/MR	313
1208E RTX/K	563	1263/E62	572	1292/S4	157	1344	162	1370BA/PL	313
1209E/PZ	148	1263/E70	572	1292L	157	1344A/VW	162	1374F	167
1209E/PZ-S4	148	1263/E85	572	1292N	157	1345	162	1374F/MR...	167
1209EN/PZ	148	1264	154	1292HS	298	1351	162	1375	167
1209E PZ/K	563	1264/S5	154	1292INOX	304	1353	162	1375/MR	167
1209EN-PZ/K	563	1264L	154	1292K	564	1357Z/45	162	1375A	167
1229LP	149	1264K	563	1292NK	564	1359T	162	1375B	167
1229LP/S	149	1265ES	154	1292K/INOX	564	1360/K6	162	1375BA/PL	313
1229LPH/A6	149	1265ES/S8	154	1293/D...	158	1360/KP3	162	1376X	167
1229PH	149	1266BP	154	1293/S...	158	1360G	162	1376X/MR	168
1236B	149	1266BP/S8	154	1293BP	158	1361/C12	162	1376XT	168
1238B	149	1267TX	154	1293BP/S	158	1361/K9	162	1376XT/MR	168
1241	149	1267MC/TX	155	1293ES	158	1362B	163	1377	168
1242	149	1267MC/TX-D7	155	1293ES/S7	158	1364SCP	163	1377/MR...	168
1243/D7	149	1267TX/D7	155	1293INOX/D9	304	1364SE	163	1377T	168
1243LP/D6	149	1267TX/S13	155	1293BX/DA	573	1364SP	163	1377INOX	304
1243/S11	150	1267TXK	563	1293BX/DD	573	1364SV	163	1377BA	313
1250	150	1268RTX	155	1293BX/DE	573	1365/K13	163	1377BA/PL	313
1251	150	1268RTX/S8	155	1293BX/DF	573	1365P10	163	1378	168
1252/S5	150	1268RTXK	564	1294	158	1366A	163	1378/MR...	168
1253	150	1269N/PZ	155	1294/S7	158	1366/K5	164	1379F	168

ALPHANUMERIC INDEX

1379F/MR...	168	1455SVP/R...	173	1467LF/RC	180	1478/3P	185	1488 - 1488L	190
1379BA	313	1457/B4	173	1467T/C6	180	1478/K3	185	1488/1	190
1380	168	1458	173	1467TU	180	1478NSS	185	1488R...	190
1380/MR...	168	1460F	173	1468N	180	1478T	185	1489/31T	190
1380S	168	1461/C5G	173	1470	180	1479	185	1489/33	190
1380S/MR...	168	1461/C6B	173	1470FT	180	1479/B27	185	1489/33P	191
1380T	169	1461/C11A	174	1470PF	180	1479L/S2	185	1489/C14	191
1380BA	313	1461/C12A	174	1471	180	1479LB/C5	185	1489/E	191
1380BA/MR	313	1461/C13B	174	1471A	180	1479L/K4	186	1489/Y	191
1380BA/PL	313	1461/C18B	174	1471CF	181	1479LV/S3	186	1489R	191
1381	169	1461/C20G	174	1471CM	181	1479ML/B17	186	1490	191
1381/MR...	169	1461/C6G	174	1471CM/E11	181	1479ML/S3	186	1490/R1 - 1490/R2	191
1381T	169	1461/C7B	174	1471GF	181	1479N/S5	186	1490F	191
1381BA	313	1461/C8B	174	1471M/50	181	1479RB/1	186	1491	191
1381BA/MR	313	1461/C9B	174	1471M/C22	181	1479RB/2	186	1491A	191
1381BA/PL	313	1461/C21G	175	1471M/P	181	1479RB/3	186	1491R	191
1385	169	1461/C23B	175	1471M/W50	181	1479U/13	186	1491T	191
1385/MR	169	1461/C24B	175	1471PN/B1	181	1479U/32	186	1492/1 - 1492/2	192
1390	169	1461/C25G	175	1471PN/B2	181	1480	186	1492T	192
1390/MR...	169	1461/C27G	175	1471PN/B3	181	1481/C12	186	1493	192
1390N	169	1461/C28B	175	1471PN/B4	181	1481K/S4	187	1493/C30	192
1390NR	169	1461/C29B	175	1471PN/B5	181	1481PL	187	1493/PF	192
1390R	169	1461/C30G	175	1471PT/C5	181	1481PL/S3	187	1493AL	192
1390HS	299	1461/C32G	175	1471D2	182	1481T/C12	187	1493AL 4S	192
1390BA	313	1461/C33B	176	1471T/C5	182	1482	187	1493B	192
1390BA/R	313	1462/KD	176	1472	182	1482/8 - 1482/10	187	1493B/S5	192
1391	169	1462/KI	176	1472AU	182	1482A/1	187	1493/C19	193
1391A	170	1462/KMRC	176	1472AU/P	182	1482A/3	187	1493/C7	193
1392	170	1462/KU	176	1472AU/RP	182	1482A/5	187	1493AL CF	193
1392R	170	1462/MB	176	1472B/RNLT	182	1482B	187	1493DSG	193
1392HS	299	1462CF	176	1472FC	182	1482SN	187	1493FF	193
1393	170	1462CF/C6	176	1472FC/GE	182	1482C	188	1493FT	193
1410/M	170	1462CF-SN	176	1472FC/L	182	1482D	188	1493H	193
1428	170	1462CF-SN/C6	176	1472FCA	182	1483K/12	188	1493HK	193
1428/SB11	170	1462/EI	177	1472R/AU	182	1483K/22	188	1493J	193
1428L	170	1462AD/BSC	177	1472FCL/RP	182	1483KV-PT/S7	188	1493VW	193
1428L/B3	170	1462AD/SMN	177	1472H	183	1484	188	1493/S-U	194
1429	171	1462PIM	177	1472MT/VW	183	1484PSA	188	1493C/ADB	194
1429/SB7	171	1463/KIT	177	1472TM	183	1485BP	188	1493U/ADB	194
1430/...	171	1464CBD	177	1472VW	183	1485BPM	188	1493X	194
1430/S	171	1464IC	177	1473	183	1485FCA/K2	188	1493Y	194
1431/...	171	1464T	177	1473A	183	1485FCA/T	188	1494	194
1431/C5	171	1464T/SP80	177	1473FN	183	1485FCA/TS	188	1494BMW	194
1433	171	1464ADB	178	1473P	183	1485FRD/T	188	1494E	194
1433/C11	171	1464AP	178	1473T	183	1485KIT	189	1494FPC	194
1435	171	1464AP T	178	1474/C4	183	1485MJ	189	1494MAN	194
1435/1	171	1464AP T16X12	178	1474E/VW	183	1485MRC/T	189	1494MRC	194
1435/1R	171	1464APB	178	1474E/VW2	183	1485PMTJ	189	1494T/C5	194
1435R	171	1464FAP	178	1474DL	184	1485R	189	1494VW	194
1437/C12	172	1464FG	178	1474G	184	1485R/P10	189	1494/C14A	195
1438	172	1464FG/CP4	178	1474L	184	1485R/P17	189	1494M	195
1438DCT	172	1464IC/RK	178	1475U	184	1485TC	189	1494Q	195
1438DCT/S	172	1464PB	178	1476	184	1485VAG	189	1494T	195
1438DSG	172	1464PF	179	1476/RC	184	1485VAG/K2	189	1494VW/K	195
1438EVO	172	1464PT	179	1476A	184	1485VLV/T	189	1494VW/KT	195
1438K/DSG-2	172	1464TDI	179	1476A/RC	184	1486/10	189	1494XZN	195
1438K/PWR	172	1464VD	179	1476C/1	184	1486/20	190	1495/C6	195
1438R	172	1465	179	1476GT	184	1486/30	190	1495M	195
1439/K7	172	1466/C5	179	1476PSA	184	1486/40	190	1495T	195
1440/...	173	1466L 11	179	1476T	184	1486/50	190	1496/C	195
1445/1 - 1445/2	173	1466TLF	179	1477/C10	184	1486/60	190	1497D	195
1452K	173	1467	179	1477D	185	1486/70	190	1497/C23	196
1452PN/K	173	1467/RK1	180	1477D/S5	185	1486/80	190	1497/C94	196
1454P	173	1467/RK2	180	1477K/7	185	1486/90	190	1497/S3	196
1455SVP	173	1467LF/2	180	1478	185	1487/K2	190	1497BS	196

ALPHANUMERIC INDEX

1497KB/S3	196	1529	205	1585GI/5 - 6 - 7	211	1654	214	1700N	220
1497P	196	1529/C7	205	1589PI/50 - 100 - 150	211	1654DGT	214	1700N/PM	220
1497RC	196	1529/PG	205	1589VI	211	1656	214	1701N	220
1497SS	196	1529PI	205	1590	212	1657DGT/2	214	1701N/PM	220
1497TE	196	1530/C16	205	1591	212	1658/...	214	1701NE/...	220
1498	196	1530/C5	205	1593	212	1658/C4	214	1701PMR	220
1498BC/12	197	1531/C7	206	1594	212	1658DGTB	214	1701BA	314
1498LT/12	197	1532	206	1595	212	1658SP/1	215	1702N	220
1498LT/12-R7	197	1533/...	206	1599B	212	1659	215	1702N/PM	220
1498LT/12-SF	197	1533PR/1 - 2 - 3	206	1599F	212	1662/1 - 1662/2	215	1702PMR	220
1498MN/12-C	197	1534/...	206	1599GI	212	1662AN	215	1703BA/A	314
1498MN/12-P	197	1535/C...	206	1599GR	212	1662DGT/A	215	1703BA/P	314
1498MN/12-R	197	1539	206	1599P	212	1662SP0	215	1703BA/PL	314
1498MN/12-U	197	1540	206	1599T	212	1662SP2	215	1704	221
1498/12	198	1542/1 - 1542/2	207	1599G	213	1666	215	1704A	221
1498/12-24 R20	198	1544/...	207	1600Q 10	213	1666A	215	1704C	221
1498/24	198	1545/C5M	207	1600Q 8	213	1668	215	1705	221
1498/2A	198	1547/C6	207	1601/PC	544	1668A	216	1705PT	221
1498/4A	198	1547KP	207	1602A-HS	299	1670	216	1706DGT	221
1498B12/R02	198	1547P	207	1602BA	314	1670A	216	1707	221
1498LT/12-24	198	1547PC/2	207	1602/C10	544	1672	216	1707A/1 - 2 - 3	221
1498SA/2A-4A	198	1547PL/2	207	1602A	545	1672A	216	1708/8 - 13 - 20	221
1498/16A	199	1549	207	1603	544	1674A	216	1708HS/21	299
1498/25A	199	1550U	208	1603A	545	1676	216	1709/10 - 1709/18	221
1498/2A-8A-PR	199	1550U/CGS-R	208	1603B	545	1678/C3	216	1710	221
1498/4A-8A CO	199	1550U/M	208	1603BK	565	1679	216	1712E/1 - 2 - 3	221
1498/4A-8A CP	199	1550U/MRC-ABE	208	1603K	565	1679/PR	216	1712TF	221
1498/8A	199	1550U/MRC-C	208	1604	545	1680	216	1713M	222
1498/120A	200	1550U/S...	208	1606/3	545	1680A	217	1714	222
1498/40A	200	1550U/SS187	208	1606A	545	1680B	217	1715	222
1498SM	200	1551/C20	208	1606A/C10	545	1680C	217	1715B/R5L	222
1498SM-A	200	1552/C9	208	1606T	545	1682	217	1715FL/A	222
1498SM-C	200	1555/Q	209	1607	545	1682HS	299	1715FL/B	222
1498SM-CP	200	1555/QS	209	1608	545	1683	217	1715R/FL	222
1498TB/6-12	200	1555C	209	1608/C10	546	1685/C7	217	1716A	222
1498PC	201	1555S/BMW-RNT	209	1608A	546	1687/S4	217	1716P	222
1498ST/TB	201	1556/1A	209	1609A	546	1687A	217	1716Q	222
1498ST/TB ROT	201	1556/2A	209	1609B	546	1687AC	217	1716R	222
1498TB/12-24	201	1557	209	1609C/C6	546	1687D	217	1716U	222
1498TC	201	1557/S3	209	1609M	546	1687U	217	1717A	222
1499	201	1557V	209	1610	546	1688	217	1717B	222
1500/...	201	1558/C4	130	1610-B	548	1688A	217	1717C	222
1500/SP	201	1558/C13	209	1614-P	548	1688M	218	1717D	222
1500G/...	201	1558P	209	1616-SM	548	1688PC	218	1717T	222
1500N/...	202	1559	210	1618-SF	548	1688PC/R	218	1717T RS	222
1500N/G...	202	1559V/8T	210	1620-M	548	1690F	218	1717T RT	222
1500N/SP	202	1560/2	210	1622-F	548	1690L	218	1717V	223
1501/1 - 2 - 3	202	1560A	210	1624-FI	548	1691BM	218	1717V R	223
1501G/1 - 2 - 3	202	1561/...	210	1628-C	548	1691MG	218	1717BA	314
1501Z/S - P - R	202	1562D	210	1630-CR	548	1692	218	1717BA/1	314
1502/...	202	1563/C4	210	1632-TS	548	1692HS	299	1718A...M	223
1505V	202	1565/1 - 2 - 3	210	1634-TD	548	1693	218	1718A...P	223
1505/C5	203	1566/GO1	210	1635-D	549	1693M	218	1718A...Q	223
1506	203	1566N	210	1635-S	549	1694/L	219	1718A...R	223
1508/1 - 1508/2	203	1566P	210	1638M	553	1694A/L	219	1718A...T	223
1511/1 - 2 - 3	203	1566R	210	1639S	546	1694B/L	219	1718D...M	223
1515/1 - 2 - 3	203	1567	210	1639EAB	553	1695XS	219	1718D...P	223
1516/1 - 2 - 3	203	1568	211	1639ESB	553	1696	219	1718D...Q	223
1517	203	1569/F	211	1639ESC	553	1696A	219	1718D...R	223
1517C/...	204	1569/SB	211	1639ETA	553	1696B	219	1718D...S5	223
1518/...	204	1569CP	211	1650	213	1696D	219	1718D...T	223
1518U/...	204	1570/3	211	1650FD	213	1696S	219	1718A...S5	224
1519/...	204	1580/8I	211	1650FT	213	1697	220	1719BMA...M	224
1520/1 - 1520/2	205	1580GL	211	1651DGTB	213	1699L	220	1719BMA...P	224
1521/1 - 1521/2	205	1585/5I - 6I - 7I	211	1651DGTB/IP	214	1699L/1	220	1719BMA...Q	224
1528	205			1652	214	1699Q	220	1719BMA...R	224

ALPHANUMERIC INDEX

1719BMA...T	224	1742KR	228	1757A	231	1767PMC	239	1833RB-L/USB	243
1719BMD...M	224	1742R-A/M...	228	1758	231	1767PMR	239	1833XS/1	243
1719BMD...P	224	1742R-AL/M...	228	1758ADB-D	231	1768	239	1833XS/2	243
1719BMD...Q	224	1742A/C	229	1758A	232	1770	239	1833L	244
1719BMD...R	224	1742A/KR	229	1758ADB-45°	232	1770A	240	1833M	244
1719BMD...T	224	1743HS	299	1758B	232	1770BM	240	1833S	244
1719BMX...M	224	1743T	552	1758B/K5	232	1770RL	240	1833XL	244
1719BMX...P	224	1744	552	1758B-1,6	232	1771	240	1834RR	244
1719BMX...Q	224	1748-BV3	549	1758B-RNT	232	1771BM	240	1836AW	244
1719BMX...T	224	1748N	549	1758LG	232	1771HD	240	1836B	244
1719BM/RL	225	1748V	549	1758M	232	1771RL	240	1837F	244
1719BM/RR	225	1748-BL	550	1758R	232	1772H	240	1837F/USB	244
1719BMA...B5	225	1748-BV1	550	1758VT	232	1772M	240	1837C	245
1719BMA...S5	225	1748-BX	550	1758VT/L	233	1772R	240	1837M	245
1719BMB/P	225	1748-N2D	550	1758BA	314	1772RL/2	240	1837RB-F/USB	245
1719BMC	225	1748-NL	550	1759	233	1772H-HS	300	1837S	245
1719BMD...B5	225	1748-UL	550	1759A	233	1773A	240	1838FLASH	245
1719BMD...S5	225	1748-BA2	551	1759B	233	1773RL	240	1838POCKET	245
1719BMR	225	1748-BH	551	1759HD/3	233	1774	240	1838RB/FLASH	245
1719BMX...R	225	1748-BP	551	1759HD/RR	233	1774A	240	1838/11LED	246
1719BMX...S5	225	1748-BR	551	1759HD/TRUCK	233	1774A/RL	240	1838AM	246
1719R/...	225	1748-BT	551	1759LR	233	1774S	240	1838COB	246
1719BA12	314	1748-BT2	551	1759TT	233	1776BA	314	1838P	246
1719BA8	314	1748-BT3	551	1760DGT	234	1777BM	241	1838RA/10-11LED	246
1720/...	225	1748-NA2	551	1760DGT/2	234	1777BMT	241	1838RB/10LED	246
1720/B	225	1748-BA3	552	1760/OHM	235	1777T	241	1838RR/11LED	246
1720/S	225	1748-BV	552	1760/RMS	235	1777MQ/C	293	1838RV/11LED	246
1720D/...	226	1748-NA3	552	1760B	235	1777MQ/U	293	1838SLIM	246
1720D/B	226	1748-NV	552	1760PA/80	235	1777RL/U	293	1838E	247
1721/B6	226	1748-S	552	1760PA/AC	235	1778AN	241	1838E-BT	247
1723	226	1748-SC	552	1760S	235	1778AX	241	1838SW	247
1725	226	1748-N	553	1760/RSE	236	1778CM	241	1838UV	247
1725CR	226	1748-ST	553	1760/TC2	236	1778M7	241	1839/R1	247
1725MQ	293	1749	229	1760DGT-R3	236	1778P	241	1839/R2	247
1726	226	1749A	229	1760K	236	1778SCL	241	1839/R4	247
1726BM	226	1749A/RB	229	1760PA/AC-DC	236	1778SOS	241	1839/R5	247
1727	226	1749A/RT	229	1760PA/AC-DC2000	236	1778V18	241	1839/R6	247
1727BM	226	1749AC	229	1760R/TC2	236	1778X	241	1839BRW	247
1727HS	299	1750	229	1760/IR1000	237	1778MT	242	1840BM	248
1727BA	314	1750CG	229	1760/IR1600	237	1778SOS-HS	300	1842LED/ABM	248
1728...	226	1750R/1 - 1750R/2	229	1760/IR500	237	1781	242	1842LED/BM	248
1728BA	314	1750RC	229	1760LX	237	1783	242	1842	249
1729CG	226	1750RP/1 - 1750RP/2	229	1760PT	237	1784	242	1843	249
1729DM 450	226	1750RT	229	1760TMC	237	1784BA	314	1844	249
1730	226	1750KG10	230	1760WWM	238	1800/100	242	1844SCK	249
1730M	226	1750M	230	1760BHS	299	1808	253	1845	249
1730V 38	226	1750M3	230	1761	238	1812 150	253	1846	249
1730INOX	304	1750TA	230	1761RS/1	238	1814M	253	1846R-LED/BM	249
1736A	227	1750TLA	230	1762	238	1820	253	1847	250
1737	227	1750HS	299	1762K	566	1820 60	253	1848	250
1737AC	227	1751N	230	1763	238	1820 80	253	1850D	250
1737B	227	1751NR	230	1763G/S500	238	1822	253	1850E	250
1737NX	227	1752	230	1764/K5	238	1822 180	253	1851VK	250
1737BA	314	1752R	230	1765/C24	238	1822 320	253	1851VK-12C	250
1738	227	1753	230	1766	238	1823 60	253	1851VK-12V	250
1739B	227	1753R	230	1766/8	238	1823R/60	253	1852R1750	250
1740A	227	1754	231	1766A	238	1824R	253	1852S-CC	250
1740B	227	1755	231	1766ER	239	1825B	253	1852S-CNT	250
1741B	227	1756	231	1766ER/VW	239	1827	253	1852 S-PIATTE	251
1741B/C5	228	1756B	231	1766G	239	1827PC	253	1852S-F	251
1741BP	228	1756C	231	1766I	239	1827PCL	253	1852S-FLESS	251
1741RV...K	228	1756C-2OR	231	1766L	239	1827/K	254	1852S-KR/CNT	251
1741U	228	1756D	231	1766LI	239	1827F	254	1852S-L	251
1742	228	1756D-2OR	231	1766T	239	1827PFL	254	1860BH R/CM	254
1742/C4	228	1756G	231	1767A	239	1830T	254	1860BH R/CS	254
1742A	228	1757	231	1767B	239	1833L/USB	243	1860BH/120A	254

ALPHANUMERIC INDEX

1860BH/160A	254	1885/C2-R7	262	1919F1/2	340	1935F	329	1949DGT/2	336
1860BH/200A	254	1885/C3	262	1919F1/4	340	1936/4A	329	1949F2	336
1860BHT R/CM	255	1885/C3-R1	262	1919F3/8	340	1936/5A	329	1949GPA	336
1860BHT R/CS	255	1885/C3-R10	262	1919L	340	1936/7A	329	1949GPN	336
1860BHT/160A	255	1885/C3-R2	262	1919ML	340	1937	329	1949M	336
1860DM	255	1885/C3-R3	262	1919RB-F	340	1937KC	329	1949R	336
1860EI	255	1885/C3-R4	262	1919RB-FE1/4	340	1937R/P	329	1949T	336
1860M	255	1885/C3-R5	262	1919RF-F	340	1937C...	330	1950BZK	336
1860PMIG	255	1885/C3-R6	262	1919RF-FE1/4	340	1937K...	330	1951	337
1860RG	255	1885/C3-R7	262	1919RM-F	340	1937KL	330	1951A	337
1860SQ	255	1885/C3-R8	262	1919RM-FE1/4	340	1937KL-D	330	1952	337
1870	256	1885/C3-R9	262	1919SC	340	1937M	330	1957 115-750W	316
1870I	256	1885/XC60	262	1921B1	321	1937M-01÷11	330	1957 125-1400W	317
1870-20/5S	257	1889	260	1921M1	321	1937N10	330	1957 230-2400W	317
1870-72 /FC	257	1889CF	260	1921M2	321	1937N10-GR	330	1972/13	315
1870-72/FL	257	1893/134A	262	1921N3	321	1937N20	330	1984/18QM	315
1872L	256	1893/1234YF	263	1922P1	321	1937N20-GR	331	1995MQ/G1 - G2	293
1872L 35/5S	257	1893TR/1234YF	263	1922P2	321	1938	331	1995MQ/T	293
1872L 35/FC	257	1893TR/134A	263	1922P3	321	1938R/L	331	1996MQ/GM	293
1873	256	1893TR/CI	263	1924F	321	1938R/S5	331	1996MQ/T	293
1873-30/5S	257	1895 13	263	1924B	322	1940	331	1996SVG	293
1874	257	1895 6	263	1924CD	322	1940/C6	331	11001H	529
1874-50/5S	257	1895/S	263	1924XM	322	1940/S5	331	11002	529
1874-50/FC	257	1895G	263	1927B	322	1940E10	331	11003	529
1875LT	257	1895 27	264	1927B/K5	322	1940MT	331	11011	529
1875SP/K3	257	1895/RC	264	1927CD	322	1940S...	331	11011H	529
1877	257	1897	264	1927CD/K3	323	1940E10/MT	332	11018	529
1877A	258	1897/CRB	264	1927P	323	1940E10/S...	332	11019	530
1877F	258	1897/G	264	1927P/K3	323	1940E10/S5	332	11021	530
1878 2	258	1897/MV	264	1927PAL	323	1942A	332	11023	530
1878 3	258	1898/B	264	1927XM	323	1942LR	332	11024	530
1878 4	258	1898/K40	264	1927XM/K5	323	1944A	332	11031÷11039	530
1878 8	258	1898/D	265	1927AN	324	1944AR 2	332	11032	530
1878 11	259	1898/M	265	1927G	324	1944N	332	11034	530
1878 30	259	1898/S	265	1927SP-AM	324	1944PA	332	11035	530
1879	259	1899A	265	1928CD	324	1945S	332	11037	530
1879 6	259	1899SI	265	1928DA	324	1945S/G...	332	11038	530
1879/FUEL	259	1900M 8X15 - 1900M	337	1928DAL	324	1945C	333	11040	531
1879R/K4	259	10X15		1928XM	324	1945C/G...	333	11045	531
1880	259	1900S 8x10	337	1928K4	325	1945C/GP...	333	11046	531
1880ADB	259	1914	337	1930A	325	1945P	333	11048	531
1881	259	1915B	337	1930CD	325	1945P/S...	333	11049	531
1882	259	1915C	338	1930LA	325	1946C4,8	333	11050	531
1883	259	1915C/L	338	1930LH	325	1946T	333	11069	531
1883NC	259	1915D	338	1930PA	325	1946C/T...	334	11100	532
1884	260	1915E	338	1930HLA	326	1946C7,8	334	11101	532
1884/C12	260	1915E/XL	338	1930ZL	326	1946KF	334	11102	532
1884N/C8	260	1916G	338	1931AN10	326	1946KF/M...	334	11105	532
1885	260	1916GF	338	1931CD10	326	1947	334	11106	532
1885/C1	261	1916GFE	338	1931CD13	326	1947G	334	11107	533
1885/C1-R1	261	1916I	338	1931CD6	326	1947G2	334	11110	533
1885/C1-R2	261	1916JF	338	1932B10	327	1947H	334	11111	533
1885/C1-R3	261	1916JM	338	1932B13	327	1948	335	11115	533
1885/C1-R4	261	1916P	338	1932RS13	327	1948PR	335	11116	533
1885/C1-R5	261	1916S	339	1933	327	1949BC	335	11120	533
1885/C1-R6	261	1917F	339	1933AN90-H	327	1949BC/RU	335	11121	534
1885/C1-R7	261	1917JF	339	1933IH	327	1949P	335	11125	534
1885/C1-R8	261	1917JM	339	1933ILH	327	1949U5	335	1112K	560
1885/C2	261	1917M	339	1933AN90	328	1949U5/A	335	11130	534
1885/C2-R1	261	1917RG	339	1933I	328	1949U5/B	335	11131	534
1885/C2-R2	261	1917SP	339	1933IL	328	1949U5/C	335	11132	534
1885/C2-R3	261	1917ST	339	1933L	328	1949U5/D	335	11135	534
1885/C2-R4	261	1918	339	1934BV	328	1949U5/E	335	11140	535
1885/C2-R5	261	1918N	339	1934MAV	328	1949U5/F	335	11141	535
1885/C2-R6	261	1918R	339	1934MAV70	328	1949U5/G	335	11145	535
		1919FE1/4	339						

ALPHANUMERIC INDEX

11200A	535	2002/BV13	344	31BM/D6	9	345SB2	31	3000L	266
11200B	535	2002/BV42	344	31L	10	345SC	31	3000L/RLS	266
11202A	535	2005MPU	344	31SE	10	345SI	31	3000M/PLM	371
11202B	535	2005PA/D	344	32	10	345SI/R	31	3002	266
11202C	535	2005PA/E	344	32AU	10	345U	31	3002/RLS	266
11204A	536	2005PA/S	344	32AUR	10	345U/A	31	3003	267
11204B	536	2009ID	344	32BA	306	349	31	3003/RLS	267
11204C	536	2009N/BV	344	34	10	349/SMAS	31	3003C	267
11208A	536	2028/VV	344	34BA	306	349/SMM	31	3003C/RLS	267
11208B	536	2028E	344	34INOX	302	350	32	3003PRO	267
11210A	536	2029/VV	345	35	10	351C	32	3003PRO/PM	267
11210B	536	2029E	345	35HS	294	351P	32	3003PRO/RCR	267
11210C	536	2032/TE	345	35PM	10	352C/U	32	3003PRO/RRG	267
11212A	536	2032/TV	345	35PMR	10	352U	32	3003PRO/RT	267
11212B	536	2033L	345	36	10	353N	32	3003PRO/SP	267
11214A	537	2033L/VV	345	37	10	353N/C6	32	3004	267
11214B	537	2036/TV	345	37PM	10	353NM	32	3006	268
11214C	537	2036E	345	37PMR	10	355	32	3006 R/RG	268
11216A	537	2037/TV	345	38/DS1	570	357F3	32	3006 R/RGF	268
11216B	537	2038/TV	346	38/DS2	570	357R/F3	32	3007	268
11216C	537	2041UC	346	39BA	307	358	33	3007 R/RG	268
11218A	537	2051N	346	39INOX	302	358RL	33	3007 R/RGF	268
11218B	537	2055HB	346	310	27	359	33	3008	268
11220A	537	2080/VG	265	310/C4	28	359CH	33	3009	268
11220B	537	2080/V6	346	310/C8	28	360	33	3009R/GR4	269
11220C	537	2080/V6-U	346	310B	27	360HS	296	3010/T...	269
11223	538	2080/D10	347	311	28	360R/...	33	3010H	269
11230A	538	2080/V12	347	330	28	361N	33	3010V	269
11230B	538	2080/V12-...	347	330BA	309	362	33	3011/T	269
11232A	538	2115P L-MQ32	291	330BA/2R	309	362INOX	303	3012	269
11234A	538	2115PI/BIKE-HOME	350	330R/A	28	362R/...	33	3012C	269
11234B	538	2250-O	265	330R/I	28	363	33	3012I	269
11240A	539	2252	265	331C	28	363BA	309	3014	270
11240B	539	2252KR4	265	332	29	363R/...	33	3014 SAR	270
11242A	539	2254A	266	334	29	365	33	3014R/GR5	270
11242B	539	2254C	266	334R	29	365R/...	33	3014SAR/1	270
11246A	539	2254F	266	334R/I	29	366	33	3014SAR/2	270
11248A	539	2254K	266	336	29	374	34	3014SAR/RR	270
11248B	539	2254SM	266	338	29	374K	556	3023	270
11259	539	2254T	266	338R	29	374R/...	34	3025	270
11260	540	2258-O	266	338R/I	29	375	34	3025/PF	270
11263	540	2300ST/KIT	359	338RP	29	376	34	3025/RF	270
11264	540	2400 RSC24/PC	365	339A	29	378	34	3025/RG	270
11265	540	2400 RSC24/PD	365	339A/R	29	378BA	309	3026 0,3	270
11266	540	2400 RSC24/PF	365	340	29	383	34	3026 0,5	271
11268	540	2400 RSC24/PF-	365	340C	30	383R	34	3026 1,0	271
11271A	540	2400 RSC24/PL	365	340C/KRL	30	384	34	3026/R 1,0	271
11271B	540	2400 RSC24/SPC	365	340RL	29	384RC	34	3026/R0,3	271
11271C	540	2400 RSC24/MP	366	341	30	386A/RC	34	3026/R0,5	271
11276A	540	2400-COVER RSC24	381	341B	30	386A	35	3026/S	271
11276B	540	2400-COVER	381	341B/RL	30	386BA	309	3026/SA	271
11276C	540	RSC24AXL		341B/RM	30	387	34	3026/SAM	271
		2499PC	366	341RL	30	387R	34	3026/SP	271
		2499PF	366	342	30	388	34	3027 10	271
		2499PF/M	366	342A	30	388A	34	3027 20	271
2001/B26	342			342A/MOL	30	388C/C8	34	3027 100	272
2001/BV	342			342A/RL	30	389/K4	35	3027 30	272
2001/BZV	342			342MOL	30	392C	35	3027 50	272
2001/BZ24 MQ	343	30	9	342P	30	392RG/C	35	3027/KP	272
2001/BZ27 VU	343	30BA	306	342P/RL	30	393	35	3027/KPP50	272
2002/BV12	343	31	9	342RL	30	395	35	3027/PR	272
2002/BV6	343	31/B6N-LSE	10	345	31	395T	35	3028 20	272
2002/BV7-ZIP	343	31/B6N	9	345C	31	398	35	3028SP/20	272
2002/BV8	343	31BA	306	345SB	31	399	35	3028 30	273
2002/BV9	343	31BA/C	306	345SB/R	31	399R/...	35	3028 50	273
2002/BVL6	343	31BM	9					3028SP/30	273

2

3

ALPHANUMERIC INDEX

3028SP/50	273	3092	281	3992	286	420A	41	437K/12	47
3029/2T	273	3093/E	281	4		420B	41	437K/16	47
3029/2T-L/R5	273	3093/U	281		421	41	437K/33	47	
3029/2T-L/R6	273	3094PA	281		421/SP6	41	437P	46	
3029/2T-L/RP	273	3095	281		422	41	437U/09	47	
3029L/2T	273	3099E	281		423	41	437U/E-M...	47	
3030/2T	273	3099T	281		423A	41	437U/PM	47	
3030/2T-R5	273	3500/P-M	373		424	41	438...	47	
3030/2T-R6	273	3700/PC	376		424/SP	41	438A	47	
3030/2TRP	274	3700/PF	376		425	42	440	47	
3030H/2T	274	3700/PFL	376		425/SP	42	440A	48	
3033/3T	274	3700/PLA	376	426	42	440ASC	48		
3033E/3T	274	3700/PLL	376	426/SP	42	440ASF	48		
3033S 3T/R2	274	3700-COVER C37	381	426MD-3/CP3	42	440ASG	48		
3035	274	3910	283	426MD-3/CT3	42	440ASW	48		
3036	274	3912PP	283	426MD-3/F3	42	440B	48		
3040C	277	3912TP	283	426MD-3/FA3	42	441	48		
3040C/S1	277	3912TP/A	283	426MD-3/OG3	42	441A	48		
3040C/S2	277	3912TP/C	283	426MD/CP	43	441B	49		
3041C	277	3912TP/FOX	283	426MD/CT	43	442	49		
3041C/12	277	3912TP/QRE	283	426MD/F	43	443	49		
3041C/16	277	3912TP/ROAD	283	426MD/FA	43	444	49		
3042C	277	3912TP/RS	283	426MD/OG	43	444G	49		
3043C	277	3912TP/ST	283	426MD/OV	43	446/C30	49		
3043C/ 41÷47	277	3916MMP	284	426MD/S	43	446/C48	49		
3047C	277	3918MML	284	426MD/SP10	43	446/C110	50		
3048C	277	3921	284	426MD/T	43	446ASC/C37	50		
3050/CC	277	3923	284	426MD/TA	43	446ASF/C29	50		
3050/600	278	3927	284	426MD-3/A9	43	446ASG/C23	50		
3050/KA	278	3932U	284	426MD-3/OV3	43	446ASW/C36	50		
3050/LA	278	3935	284	426MD-3/S3	43	447/C37	51		
3050/MS	278	3937	284	426MD-3/T3	43	447/C53	51		
3050/MV	278	3948	284	426MD-3/TA3	43	447/C70	51		
3054	278	3952	284	426SB	42	450	51		
3055M	278	3952/S	284	426SB/SP	42	450/C13	52		
3057	278	3953	284	426T	42	450/C15	52		
3061/2T	274	3955	284	426T/SP	42	450/C21	52		
3061/2T-P100	274	3961 3,2	284	427	44	450/C9	52		
3061/2T-P50	274	3961 3,3	284	428/C14	44	450AD	51		
3065/20-10T	275	3961 3,5	285	428FC	44	450AL	51		
3065/40-20T	275	3961U	285	428FP	44	450PA/1	52		
3067/60-15T	275	3962MV	285	429/C14	44	450PA/2	52		
3067/70-13T	275	3962SH	285	429FC	44	450PR	52		
3070B	278	3963P	285	429FP	44	451	52		
3070B/10	279	3964	285	430	44	451GA	53		
3070BE/B	279	3965	285	430/SP	44	451PA	53		
3070BE/F	279	3965C	285	430ASC	45	451PR	53		
3070BE/K	279	3967	285	430ASW	45	452	53		
3070BE/S	279	3969	285	431	45	452GA	53		
3071A	279	3969K3	285	431/SP	45	460	53		
3071B	279	3971	285	433	45	460G	53		
3071RS	279	3972	285	433ASF	45	460PP	53		
3072N	280	3973/1	285	433ASG	45	4900-COVER C49	385		
3073	280	3973/2	285	434	45	5			
3075/CM	280	3973PF	285	435	46		52	13	
3075/K10	280	3973/3	286	435G	46		52MQ	289	
3075A	280	3973/4	286	436	46		53	13	
3075B 55	280	3975	286	436L	46		55	13	
3075MV	280	3984/1	286	436R	46		55/B12N	14	
3079/21	280	3984/2	286	437C	46		55/B8N	14	
3080/C15	280	3984/3	286	437C/...	46		55/S	14	
3080R/CS3	280	3984/4	286	437C/RM14	46		55/SP	14	
3081	280	3984/5	286	437K/8	46		55AS	14	
3085	280	3984/6	286	437K/9	46	55AS/S	14		
3091	281	3991	286	437K/10	47				
				419T	41				

ALPHANUMERIC INDEX

55BA	307	5915VU/AS	463	667N	67	6600 M/424	579	720AS	72
55BA-AS	307	5927VU/M	463	668N	67	6600 M/427	579	720B	72
55HS	295	5935VI/2MB	449	668RG	67	6600 M/430	579	720FRD	73
55K	555	5935ET/1MB	472	668RGC	67	6600 M/440	579	720FTX	73
55MP	14	5935VG/1MB	488	669N	68	6600 M/456	579	720FTX/SB	73
55MP/S	14	5938U/2T	464	671B/C10	68	6600 M/465	579	720IC	73
58	14	5940SBK	488	671B/C5	68	6600 M/480	579	720LS	123
58BA	307	5941VU/M	489	671N/C10	68	6600 M/485	579	720L	72
58BA-AS	307	5945VUM	490	671N/C20	68	6600 M/510	580	720L/S3	72
560/C12	55	5954VI	451	671N/C30	68	6600 M/532	580	720LC	72
560/C2	55	5954VG	491	674/C	69	6600 M/534	580	720LC/C3	72
560/C3	55	5957VI	450	677	69	6600 M/542	580	720LC/PM5	72
560/C3PLUS	55	5957U-P	465	677/C	69	6600 M/548	580	720LC/S5	72
560/C4+	55	5957VG	492	677/CP200	69	6600 M/561	580	720LCL	73
560/C6	55	5958U	466	677/CV - 678/CV	69	6600 M/583	580	720LCL/C3	73
561/1	55	5980U/BIKE	468	678/C	69	6600 M/643	580	720MC	71
562-1/VA - 562-2/VA	56	5980ET/A	473	680TC	70	6600 M/650	580	720MC/C13	71
562VV-A	56	5980/MQ	474	682	70	6600 M/657	580	720ME	73
564-3R/V - 564-4R/V	56	5980ET/B	474	6200M/B	629	6600 M/658	580	720ME/C8	73
565-1R/VA - 565-2R/ VA - 565-3R/VA	56	5980EL/A	475	6200AP/S10	630	6600 M/716	581	720MRC	73
565-4R/VB	56	5980EL/B	476	6600 M/14	575	6600 M/813	581	720S	72
565-5R/VB	56	5980ID	477	6600 M/22	575	6600 M/842	581	720S/SB6	72
565VV-B	56	5988U/7M	459	6600 M/27	575	6600 M/852	581	720TC	73
567-4R/VB	56	5988H/7M	469	6600 M/29	575	6600 M/856	581	720TC/S5	73
567-5R/VB	56	5988L/4M	470	6600 M/33	575	6600 M/857	581	720TX	73
581	60	5988U6/M	471	6600 M/40	576	6600 M/871	581	720TX/C6	73
583	60	5988 VHB-MQ	475	6600 M/42	576	6600 M/878	581	720XZN	74
583/C31	60	5990V1	467	6600 M/44	576	6600 M/881	581	727/ES16	74
590 - 592	60	5990V3	467	6600 M/47	576	6800 VE	575	727/ES16TX	74
594	60	6		6600 M/51	576	6800BA	630	727/IC16	75
596 - 598	60			6600 M/52	576	6800RS	630	727/ES22	75
599DGT	61	600	61	6600 M/58	576	6888B1/2	568	727/ES22TX	75
599DGT-AN	61	601C	61	6600 M/59	576	6888B1/4	568	727/ES32	75
5700LAMP	393	601CA	61	6600 M/61	576	6888B3/8	568	727PI/16	74
5902VI	443	603	62	6600 M/62	576	6888	575	727PI/16 1/2	74
5902MT	477	604B	62	6600 M/63	576	6888GS	630	727PI/22	75
5902MT/AS	478	605E	62	6600 M/73	576	6888GW	630	727PI/32	75
5904VI/1T	443	606MQ/50	289	6600 M/112	577	7		728	75
5904VI/2T	444	610/5	62	6600 M/116	577			728/C10	75
5904VI/3T	445	610L/5	62	6600 M/120	577	73	15	728/15	76
5904VU/1M	452	610L/5L	62	6600 M/125	577	73/B13N	15	728/16	76
5904VU/2M	453	611	62	6600 M/126	577	73/S	15	728/21	76
5904VU/2T	454	612 ÷ 614	62	6600 M/131	577	78	15	728/22	76
5904VU/3T	455	614/50	62	6600 M/174	577	78AS	15	728/22L	76
5904VU/4T	456	615	63	6600 M/175	577	78BA	307	728/25	76
5904VG/2M	479	616 - 617 - 619	63	6600 M/217	577	78BA-AS	308	728/OR... - 728/SP	76
5904VG/2T	480	621	63	6600 M/218	577	710	70	728AS	75
5904VG/3	481	622	63	6600 M/222	577	710/16	70	728B	76
5904VG/3T	482	641	63	6600 M/223	577	710/20	70	728FTX	75
5904VG/5T	483	642	63	6600 M/230	578	710/C10	70	728L	76
5905VG/1	484	643	63	6600 M/236	578	710/21	71	728L/S	76
5905VG/2	485	644	63	6600 M/241	578	710/22	71	728LQ	76
5908VI/2T	446	650A	63	6600 M/242	578	710/25	71	728LS	76
5908VU/2T	457	650H	64	6600 M/253	578	710/OR... - 710/SP...	71	728ME	75
5908VG/2T	486	652	64	6600 M/311	578	720	71	729	76
5910VI/3	447	653	64	6600 M/315	578	720/C12	71	729/15	103
5910VI/3T	448	654	64	6600 M/320	578	720/C24	71	729/16	77
5910VG/3T	487	659/15	64	6600 M/326	578	720/C6	71	729/21	77
5914VU/M	458	659/16	64	6600 M/327	578	720/15	74	729/21L	77
5915VU/0	460	665	65	6600 M/330	578	720/16	74	729/22	77
5915VU/1	460	665LB	66	6600 M/371	578	720/20	74	729/25	77
5915VU/2	461	665SW	66	6600 M/380	579	720/21	74	729/OR... - 729/SP...	77
5915VU/3	461	666HS	296	6600 M/406	579	720/22	74	729L	77
5915VU/4	462	666N	66	6600 M/417	579	720/25	74	729LS	77
5915VU/5	462	666N LBF.IN	67	6600 M/423	579	720/OR... - 720/SP...	74	729T	77

ALPHANUMERIC INDEX

730	77	7294HM	609	7549N	626	7905G	620	861RIBE	81
730/15	78	7294HMC	609	7549NE	626	7907G	622	861RTX	81
730/21	78	7294HN	609	7549R	626	7907P	622	861SP	81
730/25	78	7310CRK	597	7550G	627	7909B	621	861TX	80
730L	77	7314AF	599	7550N	627	7909G	621	861TQS	81
733/15	78	7315AN	599	7557BL	627	7909P	621	861TRW	81
7041LCD/4S	255	7316NB	600	7575N	622	7909V	621	861TX/C	81
7041LCD/4S-VE	255	7316NG	601	7579QN	622	7930G	617	861XZN	81
7041LCD/4S-VI	255	7317NA	600	7600G	613	7931G	619	862F/A7	557
7042LCD	256	7318AN	600	7600N	613	7933G	620	862F	82
7042LCD/RV	256	7320NA	600	7610G	614	7935G	620	862LP	81
7042LCD/RV-INT	256	7321NA	601	7610N	614	7939G	621	862PH	81
7043	256	7322SA	601	7611G	618	7940	617	862PE	82
7061TC	629	7323SA	601	7635N	624	7949	621	862PH/L	82
7076BC	629	7328A	590	7637G	624	7970	627	862PH-XL	82
7076BD	629	7328N	590	7650	614	7971L	627	862PZ	82
7076BP	629	7340B	607	7650B	614	7978L	627	862TX	82
7076BU	629	7341N	607	7653G	620	7979B	628	862TX/L	82
7093BC	629	7349RP	607	7654B	624	7980N	628	862TX-XL	82
7093BD	629	7350RP	608	7654N	624	7980NC	628	866LP	82
7104 90	628	7352A	602	7657B	624	7980R	628	866PH	82
7105 6	628	7352B	602	7657N	625	7984EG	628	866PZ	82
7109A	629	7352G	602	7658CM	623	7984G	628	866PE	83
7109D	629	7352LG	603	7658N	623	7985	628	866RTX	83
7195A	629	7353Y	603	7659N	623	7996N	628	866TX	83
7200BKK	596	7354N	603	7660B	614			867/...	84
7201BKK	596	7355V	603	7660G	614			867/C20	84
7210BKK	596	7356G	604	7661B	618			867/C38	84
7212B	593	7356LN	604	7661G	618			867/C52	84
7212G	593	7356V	604	7664G	625			867PE	83
7212LG	593	7357G	604	7664N	625			867PE/L	83
7213G	594	7357V	605	7665G	625			867RIBE	83
7214FN	594	7362B	605	7665N	625			867RTX	83
7214G	594	7363N	605	7669N	623			867RTX/L	83
7214LN	594	7372B	606	7670G	623			867RIBE/L	84
7215FN	595	7376A	606	7673NG	622			867TX	83
7216BKK	597	7381N	606	7674NG	623			867TX/L	83
7218FN	595	7382N	606	7780QN	624			867XZN	83
7218G	595	7398 0/G	610	7800G	628			867XZN/L	83
7220PEK	591	7398ESD	610	7815CM	618			882	84
7221PEK	591	7398GEL	610	7818BL	615			882AN	84
7222PEK	591	7398T	610	7818CM	615			882M	84
7223PEK	592	7398U	610	7818G	615			882M1	84
7224PEK	592	7398UP	610	7818LN	616			882MSR	85
7225PEK	592	7398EF	611	7830SN	616			882P	85
7235BK	597	7399 A/N...	611	7830ST	616			892	85
7236BK	598	7421	611	7831SN	618			895	85
7238WR	598	7423	611	7831ST	618			897	85
7239B	598	7425	611	7840BL	616			897L	85
7241EN	587	7427	611	7849BL	620			8001Z	634
7241BK	588	7429	611	7860G	616			8001Z-K	634
7241CK	588	7431P	611	7861G	619			8001TZ	635
7243EN	587	7527	613	7863G	619			8001TZ-K	635
7243BK	588	7528	613	7865G	620			8002ZD	635
7243CK	589	7529	618	7867G	622			8002ZS	635
7243CR	589	7530	613	7869G	621			8003ZD	635
7243FT	589	7545F	625	7880SC	616			8003ZS	635
7245BK	589	7547AZ	625	7900B	617			8004ND	635
7246E	587	7547BL	625	7900G	617			8004NS	635
7246BK	590	7547G	626	7900P	617			8005Z	632
7247BK	590	7547N	626	7900V	617			8005TZ	633
7248GK	598	7547R	626	7901G	619			8005TZ-K	633
7249GK	599	7549AZ	626	7903G	619			8005Z-K	633
7293HM	608	7549BL	626	7903P	619			8006Z	633
7293HN	608	7549G	626	7904N	624			8006Z-K	633

8

80	15								
80/S	15								
83	15								
83/S	15								
83AS	16								
83AS/S	16								
88	16								
88/S7	16								
89BA	308								
89MQ	289								
850MQ	289								
851	78								
851SR	78								
852	116								
855P	78								
860/58K	557								
860/C27	557								
860/55	79								
860/58	79								
860/C38P	80								
860LP	557								
860MIX/A10	557								
860MIX/A31	557								
860PE	557								
860PH	557								
860PZ	557								
860PE/A10	79								
860PHZ/A10	79								
860RTX	557								
860TX	557								
860TX/A10	557								
861/C61P	81								
861LP	80								
861PE	80								
861PH	80								
861PH/C	80								
861PZ	80								
861PZ/C	80								

ALPHANUMERIC INDEX

8007Z	633	8060R/PS	656	8146/RKCI	657	8205	658	8600 R/601	582
8007Z-K	633	8061R - 8061F	649	8146/RKFC	657	8206	658	8600 R/611	582
8008N	633	8062	650	8146/RKLL	657	8207	658	8702N	636
8008N-K	633	8063	649	8146/RPC	657	8209	658	8702Z	636
8008TZN	634	8063SL	649	8147C	651	8210	658	8702ZC	636
8009TZ	634	8064S	649	8147S	651	8210F	659	8709N	637
8009TZ-K	634	8065SC	650	8147P	652	8210FTP	659	8709Z	637
8009Z	634	8068S	641	8148	652	8216	659	8709ZC	637
8009Z-K	634	8074	653	8148F	652	8216-K	659	8872	300
8009FD	636	8074A	653	8148/RA	657	8220	659	8872A	300
8009FS	636	8074G	653	8148/RKCL	657	8225	660	8872AS	300
8010TZ	634	8080	653	8148/RKCM	657	8227	660	8873	300
8010Z	634	8080FM	653	8148/RKG	657	8228	660	8877	300
8010Z-K	634	8082	653	8148/RKS	657	8240	660	8877M	300
8015	637	8083	653	8148/RP	657	8240F	660	8879	300
8016	637	8085R	648	8149S/A	651	8242F	660	8880	300
8016FR	637	8086	648	8149	658	8242	661	8883	300
8016FR-K	637	8090R - 8090	648	8149CM	658	8248	659	8889C1	518
8016-K	637	8090F	667	8149CM/RA	658	8249	659	8889C2	518
8016U2	638	8091	644	8150	664	8249G	659	8889C3	518
8016UGK	638	8091SL	644	8153	664	8250	662	8889P1	518
8016U-K	638	8092	644	8156	664	8264	662	8889P2	518
8018E	638	8092SL	645	8157	664	8267	662	8889P3	518
8018T	638	8094	645	8158	664	8272	662	8889C6	519
8020A	638	8094SL	645	8159	665	8273	662	8889CD	519
8021A	638	8096	646	8160	665	8274	661	8889CS	519
8025	639	8096SL	646	8161	665	8274A	661	8889I4	519
8025-K	640	8097	646	8166	667	8274G	661	8889P4	519
8026R	639	8097SL	647	8170	665	8276	661	8889PD	519
8026R-K	639	8098	647	8173	665	8276G	661	8889PS	519
8026A	640	8098SL	647	8176	665	8278	661	9	
8026A-K	640	8100	648	8177	665	8279	663		
8028	640	8105	632	8178	666	8280	662	90	16
8028-K	640	8105-K	632	8179A	666	8282S	662	90/B8N	16
8029R	639	8109	632	8179B	666	8284	662	90/S	16
8029R-K	639	8109-K	632	8179M	666	8285	662	90/SP	16
8031R	639	8110	632	8180	667	8286	663	90AS	16
8031R-K	639	8114	653	8181	667	8287	663	90AS/S	16
8032	639	8116	654	8181S	667	8290	663	90BA	308
8032-K	639	8120	652	8182	668	8293	663	90K	555
8040EN	642	8120B	652	8182A	668	8297C	663	91	17
8040EN-K	642	8120D	652	8182E	668	8297F	663	91BA	308
8040EZ	642	8120DZC	652	8182GD	668	8302Z	636	91HS	295
8040EZ-K	642	8129	653	8182H	668	8303Z	636	91HS-C	295
8041	641	8130	655	8182S	668	8317DZ	654	92	17
8041-K	641	8130A	655	8182T	668	8317SZ	654	92BA	308
8042EN	643	8131DL	655	8182TS	668	8381SL	654	92HS	295
8042EN-K	643	8131Z	655	8182H/2	669	8381SP	654	93	17
8042EZ	643	8135	650	8183	669	8381SX	663	93BA	308
8042EZ-K	643	8135/KCA	656	8184	669	8383C	654	93C	17
8043	642	8135/KGF	656	8185	669	8383P	654	93HS	295
8043-K	642	8135/KGM	656	8186	669	8515V	654	93K	555
8044	643	8135/KLA1	656	8187	670	8515Z	654	94	17
8048	636	8135/KMO	656	8188C	670	8515CH	655	94/S	17
8049	640	8139DL	655	8188CG/25	670	8531	655	94K	555
8049A	641	8139Z	655	8188CU/25	670	8532	655	95	17
8049V	641	8139ZCH	655	8188F	670	8535	655	95/S	17
8050 D	655	8143	650	8188F35	670	8600 R/11	581	95BA	308
8051S	650	8143/RKLL	656	8188VFG2	670	8600 R/12	581	95FTX	17
8051S-K	650	8143/RPC	656	8189	670	8600 R/113	582	95FTX/S	17
8052 - 8055S	649	8143/RKCI	657	8189A	670	8600 R/114	582	96	18
8057R - 8057	649	8143/RPF	657	8189PA	670	8600 R/13	582	96/B	18
8058R - 8058	648	8146	651	8190	669	8600 R/225	582	96/BG7	18
8058R/PS	656	8146C	651	8190B	669	8600 R/412	582	96/BGS7	18
8060R - 8060	648	8146/RK	657	8201T	659	8600 R/511	582	96/SC12	18

ALPHANUMERIC INDEX

96/SC9	18	97BTXL	23	900FTX/SB9	87	910AN	96	920/25	103
96/ST	18	97BTXL/SC8	23	900FL	88	910A/C10	97	920/35A	103
96/ST6K	555	97RTX	23	900K	557	910A/C16	97	920/36A	103
96AS	19	97RTX/B	23	900L	86	910A/C16Q	97	920/38	103
96AS/B	19	97RTX/SC8	23	900L/SB	86	910A/C16HR	98	920/40	103
96AS/BG7	19	97TTX	23	900LP	87	910A/C17	98	920/42	103
96AS/SC9	19	97TTX/S	23	900M/R55	110	910A/C29	98	920/44	103
96AS/T	19	97TTX/SP	23	900MB	86	910AS/C13	98	920/46	103
96BA	308	97TTXHS	295	900MB/L	86	910AS/MBM-C18	98	920/50	104
96BA/BP	308	97TX	22	900MB/SB	86	910B	93	920/50F	104
96BAF-AS	309	97TX/B	22	900MC	86	910B/SB	93	920/55	104
96BP	20	97TX/BG8	22	900MC/LP	87	910B/SN	94	920/55LC	104
96BP/SC9	20	97TX/G	22	900MC/PH	87	910BL	94	920/55Q	104
96BPC	20	97TX/SC8	22	900MC/TX	88	910BL/SB	94	920/55X	104
96BPC/SC9	20	97TX/ST	22	900ME	88	910BP	95	920/56A	104
96BP-CL	20	98XZN	23	900ME/SB8	88	910BP/SB6L	95	920/58	104
96BP-CL/SC9	20	98XZN/B	23	900M/35	89	910B/C10	97	920/C37	107
96BP/AS	21	99	23	900M/55	90	910B/C16	98	920/R50	111
96BP/ASB	21	99 VN/...	24	900MB/C19	91	910B/C16Q	98	920/R55	111
96BP/AS-SC9	21	99BA	309	900MB/C28	91	910B/C29	98	920/R55LC	111
96BPA	21	99SQ	23	900MC/C24	92	910CF	96	920/R55Q	111
96BPA/SC9	21	99ST	24	900MC/C32	92	910CF/SB	96	920/R55X	111
96BPINOX	302	900	86	900PH	87	910E-HS/56	296	920/55INOX	303
96BPINOX-AS	302	900/R55	110	900PH/SB4	87	910FTX	94	920/R55INOX	303
96BPINOX-AS/B9	302	900/R55-Z	110	900PZ	87	910FTX/SB	94	920/21K	558
96C-AS/SC9	19	900/20LK	557	900PE/AS	88	910FTX/L	95	920/25K	558
96C/AS	19	900/25K	558	900PT	88	910FTX/LSB	95	920/55K	558
96INOXBP/B	302	900/55K	558	900TX	88	910FTX/XL	95	920/58K	558
96L	20	900/55ZK	558	900TX/SB	88	910FTX-XL/C10	95	920A/AS	100
96L/SC12	20	900/58K	558	900T/44	89	910LP	95	920A-AS/SB11	100
96L/SP8	20	900/SB	86	900U	87	910M/R55	111	920AS	100
96LBP	20	900/...	88	900U/SB	87	910MQ/21	289	920AS/L	100
96LBP/SC9	20	900/16	88	900U/C12M	92	910MQ/22	289	920AS/SB11	100
96LC	19	900/25	88	902A/C22	93	910MQ/B	289	920ASL/SB11	100
96LC/SC12	20	900/32	89	902R/C6	93	910MQ/PE	289	920AN	103
96LC/SC8	20	900/35A	89	910/R55	111	910MQ/PT	289	920A/C11	105
96N	18	900/40	89	910/R55Q	111	910MQ/TX	289	920A/C12	105
96N/B	19	900/42	89	910/R55X	111	910MQ/XZN	289	920A/C12X	105
96N/G	19	900/55	89	910/21K	558	910MQ/55	290	920A/C20	105
96N/SC12	19	900/55Z	89	910/25K	558	910MQ/C16	290	920A/C20Q	105
96N/SC9	19	900/58	90	910/55K	558	910MQ/T	290	920A/C20X	105
96N/ST	19	900/C11	90	910/58K	558	910ME	95	920A/C21	106
96N/ST6K	555	900/C11Z	90	910/15	96	910ME/SB	95	920A/C21X	106
96T	21	900/C12MR	90	910/16	96	910M/35	96	920A/C33	106
96T/AS	21	900/C39N	90	910/20 - 910/21 -	96	910M/55	97	920A/C17M	107
96T/S11	21	900/C39U	90	910/22	96	910M/56	97	920A/C17MR	107
96T/S6	21	900/C12MZ	91	910/25	96	910PE	95	920AS/C10	107
96T/SP	21	900/C13-5	91	910/36A	97	910PE/AS	95	920AS/C15	107
96T/SPV	520	900/C13-8	91	910/40	97	910PE/SB	95	920AS/C17X	107
96TAS/S	21	900/C24	91	910/42	97	910PH	95	920AS/MBM-C21	107
96TBP	22	900/C11HR	93	910/46	97	910PH/SB4	95	920A/C17HR	108
96TBP/S6	22	900AS	86	910/55	97	910PT	96	920AK	558
96TBP-HS	295	900AS/MB	86	910/55Q	97	910PT/SB	96	920A	99
96THS	295	900AS/SB11	86	910/58	97	910TX	96	920A/SB13	99
96THS-AS	295	900AS/L	87	910AK	558	910TX/SB	96	920A/SB8	99
96TINOX	303	900AS/MBL	87	910A	93	910XZN	96	920AL	99
96TINOX/S6	303	900AN	88	910A/SB	93	911BA	309	920AL/SB11	99
96TINOX-AS	303	900AS/C10	92	910AL	93	911BA/16	309	920BP	101
96TINOX-AS/S8	303	900AS/C17-MBM	92	910AL/SB14	93	911BA/20	309	920BP/SB	101
96TK	556	900AS/MB-C17	92	910A/AS	94	911BA/55	309	920B/C11	105
97BTX	22	900BG/30K	558	910A-AS/SB13	94	914MQ/A	290	920B/C12	105
97BTX/B	22	900BG/30	89	910AS	94	914MQ-A/S4	290	920B/C12X	105
97BTX/SC8	22	900BG/30C	89	910AS/L	94	920/15	103	920B/C20	105
97BTX-C	22	900E-HS/56	296	910AS/SB13	94	920/16	103	920B/C20X	106
97BTX-C/SC8	22	900FTX	87	910AS/SN	94	920/20+920/23	103	920B/C21	106
				910ASL/SB12	94				

ALPHANUMERIC INDEX

920B/C21X	106	921BA/50	310	944BX/D	114	960PI/S	122	991	126
920B/C30Q	106	921BA/R50	310	944BX/S	114	960PMC	122	992	126
920B/C33	106	921BA-AS	310	944BX/DG	570	960RPI	122	993	126
920B	99	926BA	310	949	114	960S	119	993G	127
920B/SB13	99	926BA/15	310	949/S6	114	960SL	119	993MQ	291
920B/SB8	99	926BA/22	310	950	114	960SN	119	993PL	126
920BL	99	926BA/42	310	950/S	114	960T/A	119	994	127
920BL/SB11	99	926BA/50	311	951	115	960T/B	119	994MQ	291
920ES	102	926BA/R50	311	951/S	115	960T/C11	119	994PL	127
920ES/SB	102	928.../C12	109	951/SP	115	960T/C	120	994TF	127
920ES/XL-SB	102	928/15	109	951AS	115	960T/D	120	996	127
920E-HS/55LC	296	928/16	109	951AS/S	115	960T/E	120	998	127
920FTX	100	928/20 - 928/21 -	109	951BA	311	960T/F	120	999	127
920FTX/C	100	928/22		951K	559	960T/G	120	999/B6N	127
920FTX/L	100	928/25	109	951MQ	291	960T/H	120	999A	127
920FTX/LSB	100	928/36A	109	951TX	115	960T/I	120	999B	127
920FTX/SB	100	928/42	109	951TX/S	115	960T/L	120	999C	127
920INOX-A	303	928/55	109	952	116	960T/M	120	999D	127
920LH/SB7	101	928/R55	111	952/S	116	960UC	122	999E	127
920LP	101	928/R55X	111	952AS	116	960VTC	122	999G	127
920ME	101	928A	108	952FTX	116	960YP	121	9500TL	672
920ME/SB	101	928AS	108	952FTX/S	117	961BA	311	9501TL	672
920ME/C	102	928AS/C12	109	952L	116	961P6	123	9501TLD	672
920M/35	103	928B	108	953	117	961P6/S	123	9502TL	673
920M/35L	103	928B/C12	109	953/S	117	962	123	9503TL	673
920M/55	104	928ME	108	953TX	117	962C	123	9504TL	673
920M/56	104	929	109	953TX/S	117	962M	123	9505TL	673
920MC/C14	105	929/15	110	955	117	962P	123	9508TL	673
920M/R55	111	929/21 - 929/22	110	956C	117	963	123	9510W	673
920MQ/21	290	929/42	110	956E	117	963BA	311	9515M	676
920MQ/22	290	929/55	110	956F	117	964	123	9516B	676
920MQ/55A	290	929/55PR	110	956L	118	964BA	311	9521	676
920MQ/A	290	929/C8	110	957	118	964BA/L	311	9521OB	676
920MQ/PE	290	929/R55	111	959	118	965	123	9522A	681
920MQ/T	290	930	111	959R	118	965/S	123	9523T	678
920MQ/C16	291	930/C	111	960	118	965BA	311	9523A	681
920MC	99	930/S	111	960/22EP	120	966/C3	123	9524SC	678
920PE	101	932	112	960/C6	120	966BA	311	9525/B	675
920PE/AS	101	932/S	112	960/D	120	966BA/V	311	9525F	675
920PE/C	101	932HS	296	960A	118	969/C5	124	9525TL	675
920PE/SB	101	933	112	960AVE	121	969B	124	9526P	681
920PE-AS/SB6	101	933/S	112	960AVL	122	970B	124	9526RMN	681
920PH	101	935	112	960AD/TP2	177	970IVECO	124	9527 6T	681
920PH/SB4	101	935/S	112	960BC	118	971/C8	124	9527MUG	681
920RTX	102	935K	558	960BC/C5	118	972/C10	124	9528B	678
920RTX/SB	102	937	112	960BC/P 28	118	972/C4BMW	124	9534WO	673
920TX	102	937/S	112	960BT/B	118	973	124	9534BO	674
920TX/C	102	937BA	311	960CMB	121	978 - 979	124	9537TL	674
920TX/L-SB4	102	937K	558	960CMB/R2	121	982	125	9539CB	676
920TX/SB	102	940	112	960CMD	121	983 PM/R-DA	125	9541BIKE	675
920TX/C17	108	941	113	960CMD/R1	121	983PM	125	9541F	675
920U	100	941/S	113	960ER	119	984	125	9541PC	675
920U/SB13	100	942BX	113	960EPC	121	985/B7	125	9541S	675
920U/SB4	100	942BX/S	113	960EPC/L	121	985F	125	9542M	676
920U/C17M	108	942BX/DG	570	960E-PI/P	121	985M	125	9542AL	677
920XZN	102	943BX	113	960F	119	986 48	125	9542AT	677
920XZN/LS	102	943BX/D	113	960G	119	986 78	125	9542C	677
920XZN/SB12	102	943BX/S	113	960H/C4	119	986PT	125	9542G	677
920XZN/SB7	102	943BXK	559	960KC-M8/M9/M10	121	987	125	9542GW	677
921BA	310	943BX/DG	570	960KPC	122	987AR	126	9542S	677
921BA/15	310	943FL	113	960L	119	987P	126	9543C	677
921BA/16	310	943FL/S	113	960M	119	988/K4	126	9544C	674
921BA/21 - 921BA/22	310	943MQ	291	960P	122	989	126	9547T	678
921BA/25	310	943MQ/S	291	960PI	122	989A	126	9547WSK	678
921BA/42	310	943MQ/BG	570	960PI/C19	122	989B	126	9547	681
		944BX	114			990	126		

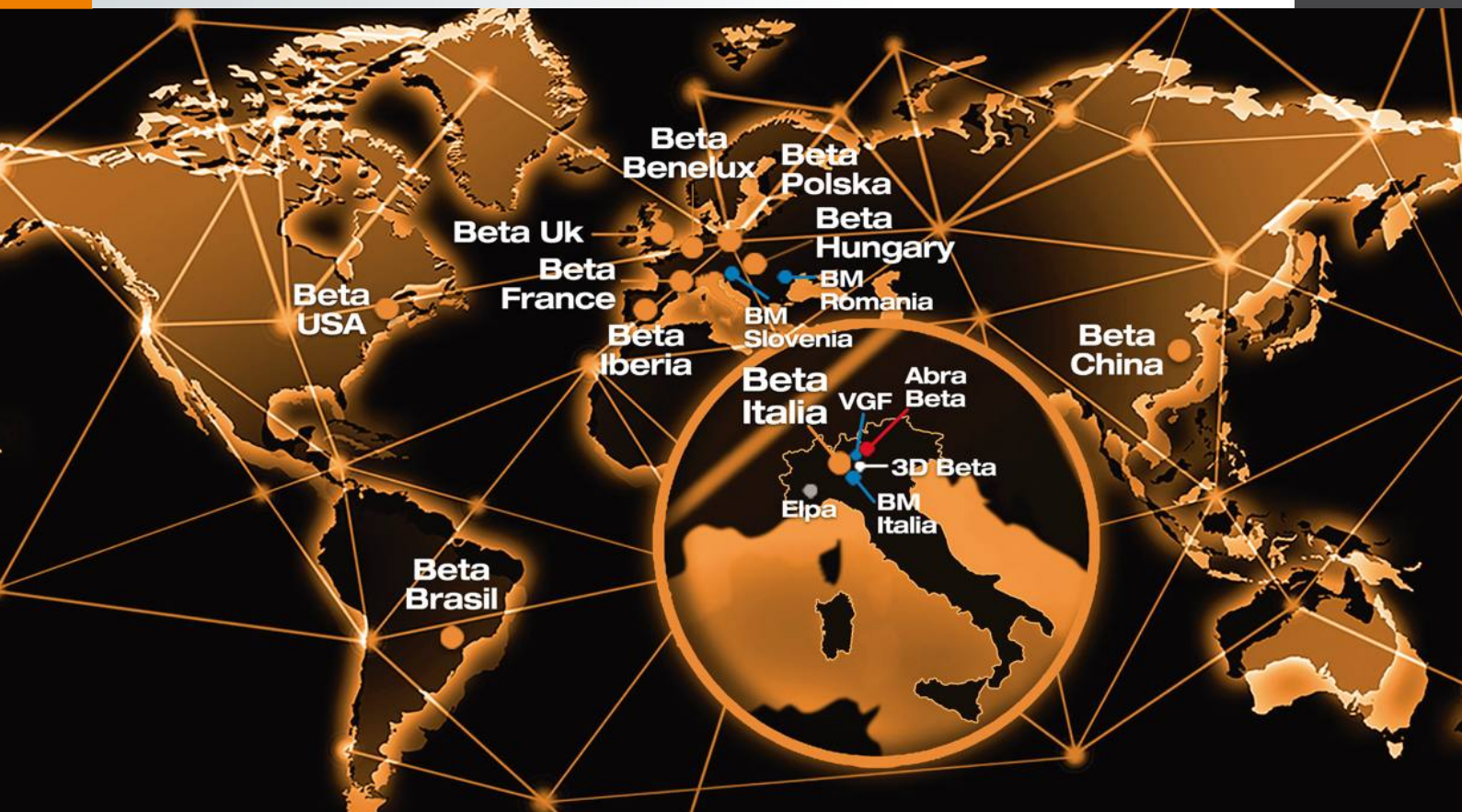
ALPHANUMERIC INDEX

9548G	678	9597P	678	C11 - 2111	349	C45PRO M7	432	C55M4	410
9548KB	678	9598WHP-N	676	C12 - 2112	349	C45PRO M7A/W	429	C55M7	410
9548KB 20	678	9598W-N	676	C13	349	C45PRO M7A/X	429	C55M8	411
9548KB 24	678	9599 GARAGE	673	C14	349	C45PRO M8	433	C55MA	412
9549ABW	680	9599CB-N2	676	C16 - 2116	350	C45PRO MA	434	C55MDO	412
9549BP	680	9599CB-W	676	C18 - 2118	350	C45PRO ML	434	C55MP	418
9549CR	680	9711 - LUBRIBETA	524	C19 - 2119 - C19L - 2119L	351	C45PRO MS	433	C55MS	413
9549MPC	680	universal				C45PRO MWS/W	430	C55P/2MDX-SX	414
9549SBW	680	9713 - Ultra Sblock	524	C20 - C20L - 2120	351	C45PRO MWS/X	429	C55P/MCD	414
9549BRW	681	9721 - Multi Grease	524	C20TSS	304	C45PRO PAS	436	C55PB/3	401
9549C	681	9723 - Lithium Grease	524	C22B	351	C45PRO PF	436	C55PFA-0,8	416
9557J 2.0	675	9725 - PTFE Grease	525	C22P	351	C45PRO PFE	437	C55PFA-1,0	414
9557N	675	9727 - Copper Grease	525	C22W	351	C45PRO PM	438	C55PM	414
9559	679	9730 - Silic Spray	525	C25	368	C45PRO PML	438	C55PM/M0,8	416
9559/30MT	679	9739 - Cutting Oil	525	C27S	369	C45PRO RD	433	C55PRO B/2	402
9561V	679	9741 - Brake Cleaner	525	C30M	371	C45PRO SL	436	C55PRO B/2,8	403
9561V 2,5	679	9742 - Multi Cleaner	525	C35/6GM	372	C45PRO SS	436	C55PRO B-D4	404
9561VV	679	9743 - Contact Cleaner	525	C35/7GM	373	C45PRO T3	435	C55PS	417
9561VV 2,5	679	9744 - Surface Cleaner	525	C35/8GM	373	C45PRO TC	435	C55PSE	417
9562T1	278	9746 - Carb Cleaner	525	C35/9GM	373	C45PRO W	424	C55PT0,8x0,6	416
9562T3	278	9747 - Clima Cleaner	526	C37/6	375	C45PRO X	423	C55PT1,0x0,6	415
9562T2	397	9750 - Air Spray	526	C37/7	374	C45PW/1-0,7MT	430	C55PTE-0,8	416
9562TB	630	9753 - Zinc 98%	526	C37/8	375	C45PW/2-1,3MT	430	C55PTE-1,0	415
9562P12	683	9756 - Welding Spray	526	C37A/7	375	C45PW/3-2,0MT	431	C55RB	407
9562P2	683	9766 - De-icer Spray	526	C38	377	C45PX/1-0,7MT	430	C55STR	422
9563G	680	9801L	522	C38C	378	C45PX/2-1,3MT	430	C55T3	413
9563U	680	9802M	522	C38L	377	C45PX/3-2,0MT	431	C56	394
9565S	630	9803H	522	C38L A	377	C45STR	439	C56B	394
9565BBQ	679	9811L	522	C38T	378	C48M	386	C56M	395
9565T	679	9812M	522	C39/6	380	C48P	386	C56P O	389
9565ICE	680	9813H	522	C39/7	379	C51	387	C56PL O	389
9565K	680	9821L	523	C39/8	380	C54S	390	C56W	394
9569MS	682	9822M	523	C39MD	382	C55	400	C57SA	391
9569MS-2	682	9823H	523	C39SM	382	C55/1PF	416	C57SB	392
9569P	682	9831L	523	C39T	380	C55/2PM	415	C57SC	392
9569S	682	9832M	523	C41H	383	C55/PF	414	C57SD	391
9572LB	673	9833H	523	C41H/CE	383	C55/PL-1,024	407	C57SP	393
9574B	675	9833M	523	C41S	383	C55A1	420	C58B	395
9574O	675	9841N	524	C42H	384	C55A1/R42	420	C58M	395
9577R	679	9841R	524	C45LMP	440	C55A2	421	C58M/PA	396
9579C	679	9852	524	C45PRO ACT	435	C55A2/R70	421	C58P	393
9580S	674	9881U	264	C45PRO AS1	439	C55AB	401	C59A	396
9586K	681	9882R	264	C45PRO AS2	439	C55AC	418	C59B	397
9587 13x21	682	9899 CV/A	110	C45PRO AW	424	C55AE	417	C59C	397
9587 9x14	682	9899 CV/B	110	C45PRO AX	424	C55AT1	422	C62M/W	629
9588M	682	9899 CV/C	110	C45PRO BPW-1,3	428	C55AT2	422	C64/1	629
9588S/10...	682			C45PRO BPW-2,0	428	C55B PT/2	407	C64CW	630
9588/10PI	683			C45PRO BPX-1,3	427	C55B PT/2,8	407	C64G/1	630
9589A/36	683			C45PRO BPX-2,0	428	C55B/1	419	C68	574
9589B/36	683			C45PRO BW	425	C55B/2	402	C68 G	574
9590B	679			C45PRO BX	425	C55B/2,8	403	C68N	574
9592B/C50	681			C45PRO C5	431	C55B/G	405	C88 R/1	574
9592B/P	681			C45PRO C7	431	C55B/GAA	405	C88NR/1	574
9592M/50	681			C45PRO CAI/W	438	C55B/GAE	406	C88SE	574
9592MB	681			C45PRO CAI/X	438	C55B/GDP	405	C88VE	574
9593A	674			C45PRO CORNER/W	437	C55B/GDS	405	C99	352
9593M	674			C45PRO CORNER/X	437	C55B/GE	406	C99C-V3	355
9593S	674			C45PRO CW	427	C55B/VS	407	C99M	356
9593SB	674			C45PRO CX	427	C55B-D4	404	C99P	355
9593W	674			C45PRO DW	426	C55C	419	C99P12-V0	353
9594	681			C45PRO DX	425	C55C7	408	C99PC	356
9595 C25	682			C45PRO DW	426	C55C8	409	C99PP	356
9595C	682			C45PRO EW	426	C55CS	411	C99P-V3	356
9595T	682			C45PRO EX	426	C55KAI	418	C99T	356
9596	682			C45PRO M3A	434	C55KAS	418	C99T-V3	356
				C45PRO M4	432	C55M2	409	C99V0	352
				C45PRO M5	432				

C99V0-P12	353	M125	498	MC20	504	T45	509	T201	515
C99V1	354	M126	499	MC21	504	T46	509	T202	515
C99V2	354	M127	499	MM105	506	T48	509	T204	515
C99V3/2C	355	M128	499	MM11	506	T50	509	T205	515
CA49-G	385	M129	499	MM140	507	T52	509	T206	515
CB/2	520	M133	499	MM210	507	T53	509	T207	515
CB52	388	M134	499	MM400	507	T55	509	T208	515
CD23S	358	M135	499	MM401	507	T57	510	T209	515
CP	440	M136	499	MM61	506	T59	510	T211	515
CP15 - 2115	349	M137	499	MM63	506	T63	510	T213	515
CP15L - 2115	350	M145	499	P	T64	510	T216	515	
CP17 - CP17L - 2117	350	M153	500		T65	510	T221	516	
CP51	388	M161	500	PM 1/2-Q5	102	T68	510	T226	516
CX49-G	385	M162	500	PM/5C	440	T73	510	T227	516
G, K		M166	500	PM/6C	440	T75	510	T228	516
		M170	500	PV	393	T76	510	T231	516
		M172	500			T77	510	T233	516
GM	519	M174	500	R	T79	510	T234	516	
KIT/GPS	519	M180	500		T80	511	T236	516	
M		M195	500	RSC22	357	T81	511	T239	516
		M201	500	RSC23	358	T82	511	T241	516
		M204	501	RSC23C	358	T83	511	T250	516
M01	494	M208	501	RSC23T	359	T85	511	T256	516
M02	494	M209	501	RSC24/5	361	T91	511	T259	517
M05	494	M213	501	RSC24/6	361	T92	511	T264	517
M06	494	M214	501	RSC24/7	360	T99	511	T270	517
M13	494	M216	501	RSC24/8	361	T100	511	T273	517
M25	494	M217	501	RSC24A/6	362	T101	511	T281	517
M30	494	M218	501	RSC24A/7	362	T102	511	T284	517
M31	494	M219	501	RSC24A/8	362	T103	512	T285	517
M33	494	M222	501	RSC24AXL/7	363	T105	512	T289	517
M38	494	M226	501	RSC24AXL/8	364	T106	512	T291	517
M39	495	M227	502	RSC24AXL/9	364	T111	512	T297	518
M40	495	M230	502	RSC24L/7	367	T112	512	TSP	519
M44	495	M231	502	RSC24L-CAB	367	T113	512	V	
M45	495	M234	502	RSC28	370	T121	512		
M46	495	M236	502	RSC51	387	T123	512		
M49	495	M237	502	S	T124	512	VE1	519	
M50	495	M240	502		S42/17	520	T135	VP1 - VP2	518
M52	495	M264	502	S55/12	519	T136	VP3 - VP4	518	
M53	495	M284	503	S55/8	519	T137	VP5	518	
M55	495	M285	503	S96T/8	520	T138	VP6	518	
M60	496	M289	503	S951/6	520	T140	VP-3SC	518	
M62	496	M292	503	S952/10	520	T144	VP-LD	518	
M63	496	M295	503	S1719BM	520	T145	VP-LS	518	
M65	496	M305	503	SB	519	T146	VPM	507	
M67	496	M310	503	SGN	520	T151	VPM0	507	
M69	496	M400	503	SPC	440	T153	VPM3	507	
M75	496	M401	503	SPG11 - S1203/8	520	T156	VPM7	507	
M78	496	MB	519	ST2P	519	T157	VPM7-C	507	
M79	496	MB12	504	T	T160	513	VPM8	507	
M82	496	MB37	504		T161	513	T166	VPM9	507
M83	497	MB38	504	T164	513	T167			
M85	497	MB39	504	T167	514	T168			
M86	497	MB44	505	T168	514	T170			
M91	497	MB45	505	T170	514	T171			
M92	497	MB46	505	T171	514	T172			
M94	497	MB47	505	T172	514	T173			
M96	497	MB56	505	T173	514	T175			
M100	497	MB58	505	T175	514	T176			
M105	498	MB59	505	T176	514	T177			
M108	498	MB63	506	T177	514	T180			
M110	498	MB64	506	T180	514	T183			
M112	498	MB65	506	T183	514	T198			
M115	498	MC10	504	T198	514	T199			
M120	498	MC12	504	T41	509				
M121	498		504		509				

BETA GROUP

KEY FIGURES



8 production units
IN ITALY



Approximately **900**
staff

11 branches
worldwide

Active in over
100 countries
worldwide
with over **250**
importers



BETA UTENSILI S.p.A. - 20845 Sovico (MB)
Via A. Volta, 18 - Tel. 039.2077.1 - Fax 039.2010742
www.beta-tools.com

Robur Wire rope accessories:
67039 Sulmona (AQ) Zona industriale - C.da S. Nicola
Tel. 0864.2504.1 - Fax 0864.253132
www.roburitaly.com - info@roburitaly.com

THE HISTORY OF ITALIAN TOOLS

- 1923** ● Alessandro Ciceri founded “Alessandro Ciceri & Figli”, in Erba (in the province of Como), to manufacture iron and steel casts.
- 1939** ● The trademark Beta was registered, and the Company became involved mainly in **manufacturing professional tools** at the factory in Sovico (in the province of Monza e Brianza). The Company is still based in Sovico.
- 1960** ● Beta Utensili employed no less than two hundred people, established themselves as an up-and-coming manufacturer of professional hand tools and exported their products.
- 1969** ● The revolutionary orange sheet metal **“Tank” trolley** was launched; from that moment orange would result in a unique style for the trademark Beta.
- 1971** ● Beta Utensili entered the **motor racing world** – first in Formula 1 and then in rally racing and motor sports in general.
- 1973** ● The **factory in Castiglione d’Adda** (in the province of Lodi) was opened, thus joining the established factory in Sovico (in the province of Monza e Brianza).
- 1975** ● The Company scored their first Formula 1 victory, with the orange **March-Beta Utensili** driven by Vittorio Brambilla, who won the Austrian Grand Prix in Zeltweg, in the pouring rain.
- 1980** ● Beta Utensili further penetrated the main European markets, **establishing branches** in France, Britain, Holland, Spain, Poland and Hungary.
- 1984** ● The Company opened their **third factory in Sulmona** (in the province of L’Aquila). In the forge shop, they started manufacturing the iconic combination wrenches, item 42. The production and testing of lifting accessories kicked off under the brand name Robur.
- 1995** ● It took the Company no more than 8 months to have their **Quality System** certified in accordance with the **ISO 9001** standards.
- 2000** ● The launch of the new Beta Utensili catalogue testified to **ongoing growth**. The range of available products was doubled, and the over 10,000 coded items were divided into 20 product families.
- 2002** ● Beta Utensili’s range was further expanded, being supplemented with safety footwear as well as with the work and free-time wear collection, “Beta Work”.
- 2009** ● Beta further expanded their markets, establishing the new branch, Beta China.
- 2012** ● Beta Brazil was founded.
- 2016** ● Beta introduced the new modular workshop equipment combination system, RSC55.
- 2018** ● The **Beta Group** further established themselves, by taking over **BM S.p.A.**, a leading manufacturer of terminal lugs and electrical connection systems, **3D Beta S.r.l.**, a company specializing in the design and production of customized workshop equipment combination systems, and **VGF S.r.l.**, a company specializing in powder coating of metal furniture. The Group’s growth strategy was accelerated with the acquisition of the leading manufacturers of abrasives, **Abra Beta S.p.A.** and **Elpa Abrasivi S.r.l.**, which translated into an even wider range of professional items.
- 2020** ● **Beta Tools USA** was established, as a major step towards expansion in the North American market.
- 2023** ● Based on our ongoing growth strategy, we can currently boast **30 product families** and over 16,000 coded items, developed to satisfy professionals’ requirements and provide long-term quality and performance, according to the principle **“Beta Well Done”**, because we at Beta can only do things well.



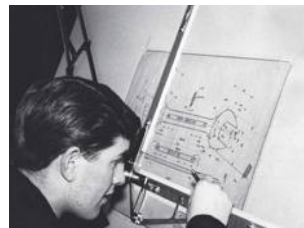
1923 Alessandro Ciceri & Figli



1939 Forging department



1955 Shearing department



1960 Design department



1969 Tank trolley



1974 Advertisement for tool assortments



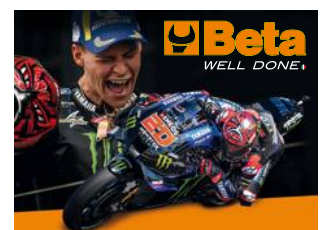
1975 Vittorio Brambilla



2002 “BetaWork”



2016 Workshop equipment combination system RSC55



2022 Fabio Quartararo, Beta Ambassador

CERTIFIED QUALITY

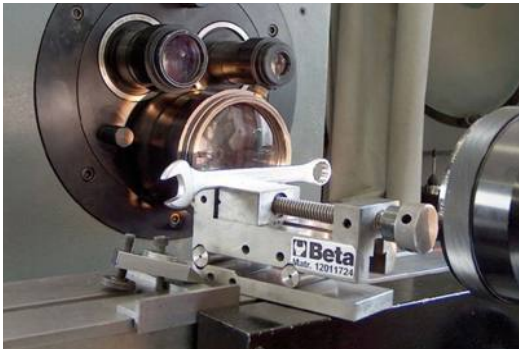
In 2018 Beta roller cabs were awarded prestigious **Tüv** certification, after passing severe tests according to protocol EK5/TA5.

Protocol EK5/TA5 deals with 31 well-defined building characteristics, stringent static tests and dynamic behaviour tests. Other tests determine resistance to high and low temperatures, the service life of markings over time and corrosion resistance.

Credit for this achievement is due to the expert design, accurate manufacture and stringent tests Beta relies on for its roller cabs, which has allowed their quality to be acknowledged by end users.

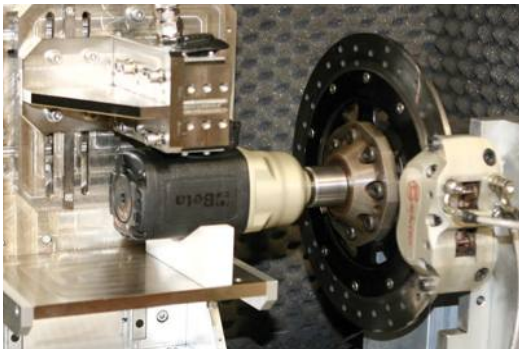


CONTROL AND QUALITY

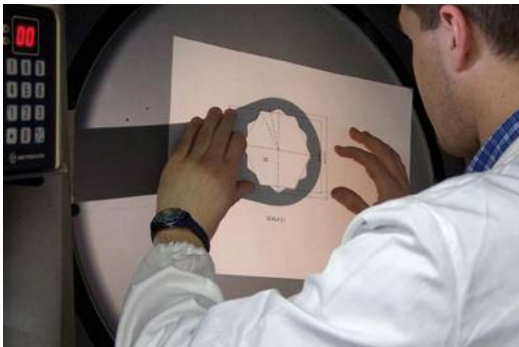


At Beta, quality has a simple, concrete meaning: "that which fully satisfies the needs and expectations of the professional users who rely on our products as an irreplaceable working instrument". Tools are not only designed and manufactured correctly to fulfil a need, but they must guarantee repeat performances consistently over time.

At Beta, quality goes beyond a merely attentive industrial and sales policy, to permeate every company division, driving us all to achieve increasingly ambitious goals in terms of customer satisfaction. Beta has built its history on this very concept.



**Beta quality,
our most
concrete proof**



**The quality of Beta tools
is a synergy
of age-old techniques
and new technologies.**



Since 1995 our production processes have complied with the ISO 9001 Quality System standards



LOGISTICS



**22.000 m²
surface area**



16.000
coded items
and over **27.000**
loading units



**Quick, prompt
and complete
deliveries**



WORK ORGANIZATION

5S is a workplace organization method of Japanese origin. The name is derived from the western transcription of 5 Japanese words: **seiri, seiton, seiso, seiketsu and shitsuke**.

Following the 5 steps identified by the words allows a systematic, repeatable method to be implemented with a view to optimized working standards and enhanced operating performance.



SEIRI

SORT

Remove all unnecessary items from the workplace; only keep the items you need.



SEITON

SET IN ORDER

Put everything into its proper place: a place for everything and everything in its place.



SEISO

SHINE

Keep the workplace clean and tidy.



SEIKETSU

STANDARDIZE

Establish consistent work practices to keep rationalizing resources and spaces, determining a standard to implement.



SHITSUKE

SUSTAIN

Support and spread this mindset and behaviour across the organization.



BENEFITS



Reduced time loss and improved cost-effectiveness



Enhanced quality and productivity



Fewer work accidents



Greater efficiency

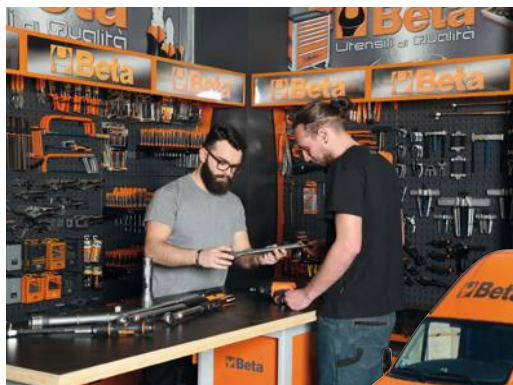


BEFORE



AFTER

EFFECTIVE PRESENCE



Где купить:
ООО "КОМПАНИЯ ОПТУЛС"
г.Москва, ул.Иловайская, д.3, стр.2
Tel.: +7 (495) 646-00-96
E-Mail: sale@opttools.ru
Internet: www.opttools.ru

**Demonstration
unit
2022**

Fabio Quartararo
2022 MotoGP
World Championship



Partnership 2022



50 Years in Motorsports

PARTNERSHIP

2022



TEAM
speedup

ALONSO LOPEZ
Moto2 World Championship



Technical Partner



Beta | Official Sponsor of Aprilia



998069102

